

Schema documentation for XML- Schema_KVP_DL_PV_ext-1.6.0.xsd

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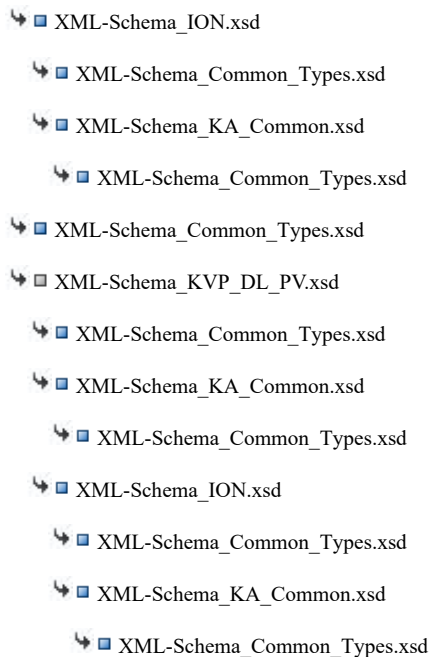
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| | |
|---|-----|
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| Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym | 196 |
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| Element tns:TXSMITASYMK_Type / keySperrkandidatasym | 196 |
| Element tns:TXSNAWA_Req_Type / samSperrkandidat | 197 |
| Element tns:TXSNAWA_Req_Type / orgSperrkandidat | 197 |
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| Element tns:TXSNAWB_Req_Type / orgSperrkandidat | 199 |
| Element tns:TXSNAWB_Req_Type / zyklusNummer | 199 |
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Resource hierarchy:

Legend:  Import,  Include,  Redefine,  Override,  Cycle detected

XML-Schema_KVP_DL_PV_ext-1.6.0.xsd



Namespace: "http://vdv/ka/kvp-dl-pv/2"

Schema(s)

Main schema XML-Schema_KVP_DL_PV_ext-1.6.0.xsd

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Schema Erweiterung im Rahmen von KA Release 1.6.0. |
| Properties | attribute form default: unqualified |
| | element form default: qualified |
| | version: 1.6.0 |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Included schema XML-Schema_KVP_DL_PV.xsd

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

Element tns:TXEBER_Type / tns:fahrttransaktion

Element tns:TXEBER_Type / tns:berNmTransaktionMAC

Element tns:TXEBER_Type_1_6_0 / tns:berechtigungErfassungZusatz

8

| | |
|-----------------|---|
| Type | xs:hexBinary |
| Properties | content: simple |
| | minOccurs: 0 |
| Source | <xs:element name="berechtigungErfassungZusatz" type="xs:hexBinary" minOccurs="0"/> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TXEMBER_Type_1_6_0 / tns:tx_abkey

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_ABKEY_Type |
| Properties | content: complex |
| Model | tns:berAbleitungsdaten |
| Children | tns:berAbleitungsdaten |
| Instance | <tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey> |
| Source | <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TX_ABKEY_Type / tns:berAbleitungsdaten

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:OctetString10 |
| Properties | content: simple |
| Facets | length 10 |
| Source | <xs:element name="berAbleitungsdaten" type="ct:OctetString10"/> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEKODL2_Type / tns:berBerechtigung_ID

| | |
|------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| | minOccurs: 1 |
| | maxOccurs: 1 |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> |

| | |
|-----------------|---|
| | <code></tns:berBerechtigung_ID></code> |
| Source | <code><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" minOccurs="1" maxOccurs="1"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element `tns:TXBEKODL2_Type` / `tns:fahrtInformation`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:PrintableString |
| Properties | content: simple |
| Facets | pattern [-p]* |
| Source | <code><xs:element name="fahrtInformation" type="ion:PrintableString"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element `tns:TXBEKODL2_Type` / `tns:TXRETVerweisListe`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TXRETVerweisListe_Type |
| Properties | content: complex minOccurs: 0 |
| Model | tns:TXRETVERWEIS+ |
| Children | tns:TXRETVERWEIS |
| Instance | <code><tns:TXRETVerweisListe xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:TXRETVERWEIS>{1,unbounded}</tns:TXRETVERWEIS> </tns:TXRETVerweisListe></code> |
| Source | <code><xs:element name="TXRETVerweisListe" type="tns:TXRETVerweisListe_Type" minOccurs="0"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element `tns:TXRETVerweisListe_Type` / `tns:TXRETVERWEIS`

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_RET_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type |
| Properties | content: complex |

| | |
|-----------------|---|
| | minOccurs: 1 |
| | maxOccurs: unbounded |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXRETVERWEIS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> </tns:TXRETVERWEIS></pre> |
| Source | <code><xs:element name="TXRETVERWEIS" type="ion:TX_RET_Type" minOccurs="1" maxOccurs="unbounded" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TXBEKODL2_Type / tns:fahrttransaktionListe

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:FahrttransaktionListe_Type |
| Properties | content: complex |
| Model | tns:fahrttransaktionSatz+ |
| Children | tns:fahrttransaktionSatz |
| Instance | <pre><tns:fahrttransaktionListe xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:fahrttransaktionSatz>{1,unbounded}</tns:fahrttransaktionSatz> </tns:fahrttransaktionListe></pre> |
| Source | <code><xs:element name="fahrttransaktionListe" type="tns:FahrttransaktionListe_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:FahrttransaktionListe_Type / tns:fahrttransaktionSatz

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:FahrttransaktionSatz_Type |
| Properties | content: complex maxOccurs: unbounded |
| Model | tns:berNmTransaktionMAC , tns:fahrttransaktion , tns:BerechtigungErfassungZusatz{0,1} |
| Children | tns:BerechtigungErfassungZusatz, tns:berNmTransaktionMAC, tns:fahrttransaktion |
| Instance | <pre><tns:fahrttransaktionSatz xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:BerechtigungErfassungZusatz>{0,1}</tns:BerechtigungErfassungZusatz> </tns:fahrttransaktionSatz></pre> |
| Source | <code><xs:element name="fahrttransaktionSatz" type="tns:FahrttransaktionSatz_Type" maxOccurs="unbounded" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element **tns:FahrttransaktionSatz_Type** / **tns:berNmTransaktionMAC**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schlüssel_ID>{1,1}</berMAC_PV_Schlüssel_ID> <berMAC_KVP_Schlüssel_ID>{1,1}</berMAC_KVP_Schlüssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <code><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element **tns:FahrttransaktionSatz_Type** / **tns:fahrttransaktion**

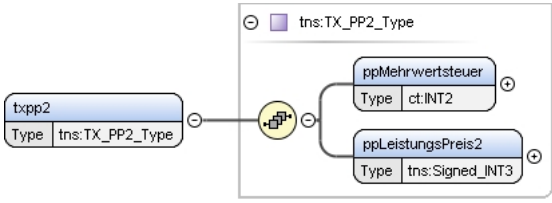
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:fahrttransaktion></pre> |
| Source | <code><xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element **tns:FahrttransaktionSatz_Type** / **tns:BerechtigungErfassungZusatz**

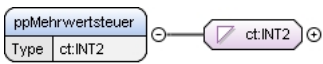
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | xs:hexBinary |
| Properties | content: simple minOccurs: 0 |
| Source | <code><xs:element name="BerechtigungErfassungZusatz" type="xs:hexBinary" minOccurs="0"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element **tns:TXBEKODL2_Type** / **tns:txpp2**

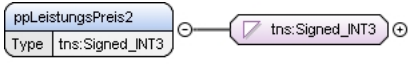
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Diagram |  |
| Type | tns:TX_PP2_Type |
| Properties | content: complex |
| Model | tns:ppMehrwertsteuer, tns:ppLeistungsPreis2 |
| Children | tns:ppLeistungsPreis2, tns:ppMehrwertsteuer |
| Instance | <pre><tns:txpp2 xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer> <tns:ppLeistungsPreis2>{1,1}</tns:ppLeistungsPreis2> </tns:txpp2></pre> |
| Source | <pre><xs:element name="txpp2" type="tns:TX_PP2_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TX_PP2_Type / tns:ppMehrwertsteuer

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:INT2 |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <pre><xs:element name="ppMehrwertsteuer" type="ct:INT2" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TX_PP2_Type / tns:ppLeistungsPreis2

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Preis in kleinster Waehrungseinheit (Cent) |
| Diagram |  |
| Type | tns:Signed_INT3 |
| Properties | content: simple |
| Facets | maxInclusive 8388607 minInclusive -8388608 |
| Source | <pre><xs:element name="ppLeistungsPreis2" type="tns:Signed_INT3"> <xs:annotation> <xs:documentation>Preis in kleinster Waehrungseinheit (Cent)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TXEBER_1_6_0

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Erfassung einer Berechtigungstransaction. Zeigt auf neuen Typ fuer 1.6.0 |

| | |
|-----------------|--|
| Type | tns:TXEMBER_Type_1_6_0 |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type tns:TXEBER_Type_1_6_0 tns:TXEMBER_Type_1_6_0 |
| Properties | content: complex |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:berechtigungErfassungZusatz{0,1} , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:berechtigungErfassungZusatz, tns:fahrttransaktion, tns:tx_abkey, txbase |
| Instance | <pre><tns:TXEMBER_1_6_0 xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:berechtigungErfassungZusatz>{0,1}</tns:berechtigungErfassungZusatz> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXEMBER_1_6_0></pre> |
| Source | <pre><xs:element name="TXEMBER_1_6_0" type="tns:TXEMBER_Type_1_6_0"> <xs:annotation> <xs:documentation>Element: Erfassung einer Multiberechtigung. Zeigt auf neuen Typ fuer 1.6.0</ </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:TXBEKODL2

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | <p>Mit TXBEKODL2 wird der finale Preis einer Fahrtenkette vom Produktclearing an den PV und von diesem an den KVP sowie ggf. an das Forderungsclearing uebermittelt. Die Struktur enthaelt neben dem Preis und den einzelnen Erfassungen auch eine Auflistung der zugrunde liegenden Fahrten im Klartext zur Unterstuetzung der Rechnungsstellung durch den KVP. Bei Korrekturen sind Verweise auf die korrigierten TXBEKODL2 vorhanden.</p> |
| Diagram | |
| Type | tns:TXBEKODL2_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEKODL2_Type |
| Properties | content: complex |
| Model | txbase , tns:berBerechtigung_ID , tns:fahrtInformation , tns:TXRETVerweisListe{0,1} , tns:fahrttransaktionListe , tns:txpp2 |
| Children | tns:TXRETVerweisListe, tns:berBerechtigung_ID, tns:fahrtInformation, tns:fahrttransaktionListe, tns:txpp2, txbase |

| | |
|-----------------|--|
| Instance | <pre><tns:TXBEKODL2 xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:fahrtInformation>{1,1}</tns:fahrtInformation> <tns:TXRETVerweisListe>{0,1}</tns:TXRETVerweisListe> <tns:fahrttransaktionListe>{1,1}</tns:fahrttransaktionListe> <tns:txpp2>{1,1}</tns:txpp2> </tns:TXBEKODL2></pre> |
| Source | <pre><xs:element name="TXBEKODL2" type="tns:TXBEKODL2_Type"> <xs:annotation> <xs:documentation>Mit TXBEKODL2 wird der finale Preis einer Fahrtenkette vom Produktclearing an den PV und von diesem an den KVP sowie ggf. an das Forderungsclearing Uebermittelt. Die Struktur enthaelt neben dem Preis und den einzelnen Erfassungen auch eine Auflistung der zugrunde liegenden Fahrten im Klartext zur Unterstuetzung der Rechnungsstellung durch den KVP. Bei Korrekturen sind Verweise auf die korrigierten TXBEKODL2 vorhanden.</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Element tns:NmTransaktion_ID_Type / tns:samSequenznummer

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:SequenceNumberFour | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:SequenceNumberFour | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samSequenznummer" type="tns:SequenceNumberFour" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:NmTransaktion_ID_Type / tns:SAM_ID.samNummer

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:Mitnahme_Type / tns:mitnahmeTyp

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |

| | | |
|-----------------|--|--------------------------------------|
| Type | tns:Profil_CODE_Type | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:Profil_CODE_Type | |
| Properties | content: | simple |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| | enumeration | 0 nicht spezifiziert/unbestimmt |
| | enumeration | 1 Erwachsener |
| | enumeration | 2 Kind |
| | enumeration | 3 Student |
| | enumeration | 5 Behinderter |
| | enumeration | 6 Sehbehinderter |
| | enumeration | 7 Hoergeschaedigter |
| | enumeration | 8 Arbeitsloser/Sozialhilfeempfaenger |
| | enumeration | 9 Personal |
| | enumeration | 10 Militaeranhehoeriger |
| | enumeration | 19 Schueler |
| | enumeration | 20 Azubi |
| | enumeration | 25 Senior |
| Source | <xs:element name="mitnahmeTyp" type="tns:Profil_CODE_Type"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Element tns:Mitnahme_Type / tns:mitnahmeAnzahl


| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Diagram | | |
| Type | tns:INT1 | |
| Properties | content: | simple |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Source | <xs:element name="mitnahmeAnzahl" type="ct:INT1"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Element tns:Linie_ID_Type / tns:linienNummer


| | | |
|----------------|--|--------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Diagram | | |
| Type | tns:ReferenceNumberTwo | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo | |
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/> | |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |
|-----------------|---|

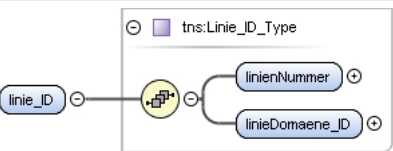
Element **tns:Linie_ID_Type** / **tns:linieDomaene_ID**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="linieDomaene_ID" type="ka:Organisation_ID" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:LinieVariante_ID_Type** / **tns:variantenNummer**

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:ReferenceNumberOne | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:ReferenceNumberOne | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="variantenNummer" type="ct:ReferenceNumberOne" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:LinieVariante_ID_Type** / **tns:linie_ID**

| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Linie_ID_Type |
| Properties | content: complex |
| Model | tns:linienNummer, tns:linieDomaene_ID |
| Children | tns:linieDomaene_ID, tns:linienNummer |
| Instance | <pre><tns:linie_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:linienNummer>{1,1}</tns:linienNummer> <tns:linieDomaene_ID>{1,1}</tns:linieDomaene_ID> </tns:linie_ID></pre> |
| Source | <code><xs:element name="linie_ID" type="tns:Linie_ID_Type" /></code> |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |
|-----------------|---|

Element **tns:Fahrt_ID_Type** / **tns:fahrtNummer**

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:ReferenceNumberThree | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="fahrtNummer" type="ct:ReferenceNumberThree" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:Fahrt_ID_Type** / **tns:fahrtBetreiber_ID**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:EFsViaOrtsListe_Type** / **tns:efsViaort_ID**

| | | | | | | | |
|------------|--|----------|---------|------------|---|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | |
| Diagram | | | | | | | |
| Type | tns:Ort_ID_Type | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>3</td></tr> </table> | content: | complex | minOccurs: | 0 | maxOccurs: | 3 |
| content: | complex | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 3 | | | | | | |
| Model | ortTyp , ortNummer , ortDomaene_ID | | | | | | |
| Children | ortDomaene_ID, ortNummer, ortTyp | | | | | | |
| Instance | <code><tns:efsViaort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"></code> | | | | | | |

| | |
|-----------------|---|
| | <pre><ortTyp>{1,1}</ortTyp> <ortNumber>{1,1}</ortNumber> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsViaort_ID></pre> |
| Source | <code><xs:element name="efsViaort_ID" type="ion:Ort_ID_Type" minOccurs="0" maxOccurs="3"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_PP_Type** / **tns:ppLeistungsPreis**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:Amount65535 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:Amount65535 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="ppLeistungsPreis" type="tns:Amount65535"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

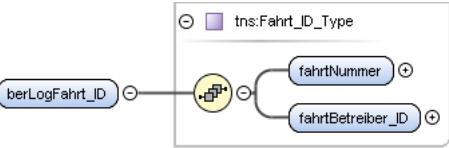
Element **tns:TX_PP_Type** / **tns:ppMehrwertsteuer**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:INT2 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="ppMehrwertsteuer" type="ct:INT2"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

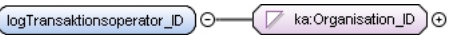
Element **tns:TX_BERLOG_Type** / **tns:berLogLinieVariante_ID**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:LinieVariante_ID_Type |
| Properties | content: complex |
| Model | tns:variantenNummer, tns:linie_ID |
| Children | tns:linie_ID, tns:variantenNummer |
| Instance | <pre><tns:berLogLinieVariante_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:variantenNummer>{1,1}</tns:variantenNummer> <tns:linie_ID>{1,1}</tns:linie_ID> </tns:berLogLinieVariante_ID></pre> |
| Source | <code><xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |


Element **tns:TX_BERLOG_Type** / **tns:berLogFahrt_ID**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Fahrt_ID_Type |
| Properties | content: complex |
| Model | tns:fahrtNummer , tns:fahrtBetreiber_ID |
| Children | tns:fahrtBetreiber_ID, tns:fahrtNummer |
| Instance | <pre><tns:berLogFahrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:fahrtNummer>{1,1}</tns:fahrtNummer> <tns:fahrtBetreiber_ID>{1,1}</tns:fahrtBetreiber_ID> </tns:berLogFahrt_ID></pre> |
| Source | <pre><xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_LOG_Type** / **tns:logTransaktionsoperator_ID**

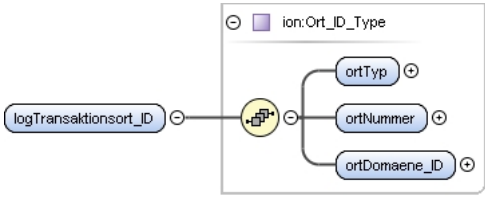
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <pre><xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_LOG_Type** / **tns:logTransaktionsZeitpunkt_ID**


| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:DateTimeCompact |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31T23:59:58 minInclusive 1990-01-01T00:00:00 |
| Source | <pre><xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_LOG_Type** / **tns:logTransaktionsort_ID**

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Diagram |  The diagram shows a complex type 'logTransaktionsort_ID' connected to a container 'ion:Ort_ID_Type'. This container holds three sub-elements: 'ortTyp', 'ortNummer', and 'ortDomaene_ID', each with its own diagram icon. |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Instance | <pre><tns:logTransaktionsort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsort_ID></pre> |
| Source | <pre><xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TX_LOG_Type / tns:logTransaktionsTyp_ID

| | | | |
|----------------|--|--------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram |  The diagram shows a simple type 'logTransaktionsTyp_ID' connected to a container 'ion:NmTransaktionsTyp_CODE'. | | |
| Type | tns:NmTransaktionsTyp_CODE | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:NmTransaktionsTyp_CODE | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 2 | Entwertung |
| | enumeration | 11 | CI |
| | enumeration | 12 | CO |
| | enumeration | 15 | Einzahlung - Berechtigung |
| | enumeration | 16 | CI nach Fahrtfortsetzung |
| | enumeration | 18 | NTP Aendern |
| | enumeration | 20 | Sperrrtransaktion Applikation oder Berechtigung |
| | enumeration | 21 | Entsperrrtransaktion Applikation oder Berechtigung |
| | enumeration | 22 | BI |
| | enumeration | 23 | BO |
| | enumeration | 24 | INOUT |
| | enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 27 | Kontrolle |
| | enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| | enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| | enumeration | 30 | WEB Buchung(Laden/Entladen) |
| | enumeration | 31 | WEB-CI mit Autoload |

| | | | |
|-----------------|---|----|--|
| | enumeration | 32 | WEB-CO mit Autoload |
| | enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| | enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| | enumeration | 35 | Auto CO |
| | enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| | enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| | enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| | enumeration | 39 | Rückgabetransaktion EFS ueber Aktionsliste |
| Source | <xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TX_AFBLOG_Type / tns:afbLogFahrgastTyp


| | | | |
|-----------------|--|--------|------------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram | | | |
| Type | tns:Kudentyp_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:Kudentyp_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | nicht spezifiziert/unbestimmt |
| | enumeration | 1 | Erwachsener |
| | enumeration | 2 | Kind |
| | enumeration | 3 | Student |
| | enumeration | 5 | Behinderter |
| | enumeration | 6 | Sehbehinderter |
| | enumeration | 7 | Hoergeschaedigter |
| | enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger |
| | enumeration | 9 | Personal |
| | enumeration | 10 | Militaeranhehoeriger |
| | enumeration | 19 | Schueler |
| | enumeration | 20 | Azubi |
| | enumeration | 25 | Senior |
| Source | <xs:element name="afbLogFahrgastTyp" type="tns:Kudentyp_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TX_AFBLOG_Type / tns:afbLogVerkehrsmittelart


| | | | |
|----------------|---|--|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram | | | |
| Type | tns:Transportserviceart_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:TransportTypeCode_Type <ul style="list-style-type: none"> tns:Transportserviceart_CODE_Type | | |

| | |
|-----------------|---|
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <code><xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

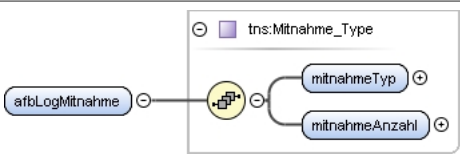
Element **tns:TX_AFBLOG_Type** / **tns:afbLogServiceKlasse**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:ServiceKlasse_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:ServiceKlasse_CODE_Type |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 0 nicht spezifiziert/unbestimmt |
| | enumeration 1 1. Klasse |
| | enumeration 2 2. Klasse |
| Source | <code><xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_AFBLOG_Type** / **tns:afbLogDynamischerRabattParameter**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:OctetString4 |
| Properties | content: simple |
| Facets | length 4 |
| Source | <code><xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_AFBLOG_Type** / **tns:afbLogMitnahme**

| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Mitnahme_Type |
| Properties | content: complex |
| | minOccurs: 1 |
| | maxOccurs: unbounded |
| Model | tns:mitnahmeTyp , tns:mitnahmeAnzahl |
| Children | tns:mitnahmeAnzahl, tns:mitnahmeTyp |
| Instance | <code><tns:afbLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2"></code> |

| | |
|-----------------|---|
| | <pre> <tns:mitnahmeTyp>{1,1}</tns:mitnahmeTyp> <tns:mitnahmeAnzahl>{1,1}</tns:mitnahmeAnzahl> </tns:afbLogMitnahme> </pre> |
| Source | <code><xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_AFBLOG_Type** / **tns:txberlog**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_BERLOG_Type |
| Properties | content: complex |
| Model | tns:berLogLinieVariante_ID , tns:berLogFahrt_ID |
| Children | tns:berLogFahrt_ID, tns:berLogLinieVariante_ID |
| Instance | <pre> <tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berLogLinieVariante_ID>{1,1}</tns:berLogLinieVariante_ID> <tns:berLogFahrt_ID>{1,1}</tns:berLogFahrt_ID> </tns:txberlog> </pre> |
| Source | <code><xs:element name="txberlog" type="tns:TX_BERLOG_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_AFBLOG_Type** / **tns:txlog**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_LOG_Type |
| Properties | content: complex |
| Model | tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID |
| Children | tns:logTransaktionsTyp_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsoperator_ID, tns:logTransaktionsort_ID |
| Instance | <pre> <tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logTransaktionsoperator_ID>{1,1}</tns:logTransaktionsoperator_ID> <tns:logTransaktionsZeitpunkt_ID>{1,1}</tns:logTransaktionsZeitpunkt_ID> <tns:logTransaktionsort_ID>{1,1}</tns:logTransaktionsort_ID> <tns:logTransaktionsTyp_ID>{1,1}</tns:logTransaktionsTyp_ID> </tns:txlog> </pre> |
| Source | <code><xs:element name="txlog" type="tns:TX_LOG_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_EFSLOG_Type** / **tns:efsFahrgastTyp**

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Kundentyp_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 |

| | | | |
|-----------------|---|--------|------------------------------------|
| | • tns:Kundentyp_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | nicht spezifiziert/unbestimmt |
| | enumeration | 1 | Erwachsener |
| | enumeration | 2 | Kind |
| | enumeration | 3 | Student |
| | enumeration | 5 | Behinderter |
| | enumeration | 6 | Sehbehinderter |
| | enumeration | 7 | Hoergeschaedigter |
| | enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger |
| | enumeration | 9 | Personal |
| | enumeration | 10 | Militaeranhehoeriger |
| | enumeration | 19 | Schueler |
| | enumeration | 20 | Azubi |
| enumeration | 25 | Senior | |
| Source | <xs:element name="efsFahrgastTyp" type="tns:Kundentyp_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TX_EFSLOG_Type / tns:efsVerkehrsmittelKategorie


| | | | | | |
|-----------------|--|--------------|--------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:TransportmittelKategorie_CODE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt <ul style="list-style-type: none"> • tns:INT1 <ul style="list-style-type: none"> • tns:TransportTypeCode_Type <ul style="list-style-type: none"> • tns:TransportmittelKategorie_CODE_Type | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple | | |
| content: | simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TX_EFSLOG_Type / tns:efsLogServiceKlasse

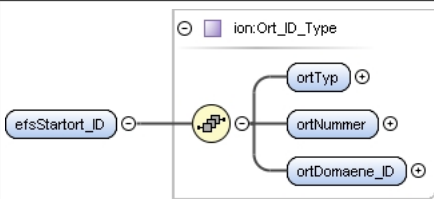
| | | | | | |
|----------------|---|--------------|--------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:ServiceKlasse_CODE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt <ul style="list-style-type: none"> • tns:INT1 <ul style="list-style-type: none"> • tns:ServiceKlasse_CODE_Type | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple | | |
| content: | simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |

| | | | |
|-----------------|---|---|-------------------------------|
| | enumeration | 0 | nicht spezifiziert/unbestimmt |
| | enumeration | 1 | 1. Klasse |
| | enumeration | 2 | 2. Klasse |
| Source | <xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TX_EFSLOG_Type / tns:efsServiceKlasseExtra

| | | | |
|-----------------|--|--------|-------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram |  | | |
| Type | tns:ServiceKlasseExtra_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:ServiceKlasseExtra_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | nicht spezifiziert/unbestimmt |
| | enumeration | 1 | Fruehstueck |
| | enumeration | 2 | Mittagessen |
| | enumeration | 3 | Abendessen |
| | enumeration | 4 | Buffet |
| | enumeration | 5 | Imbiss |
| Source | <xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TX_EFSLOG_Type / tns:efsStartort_ID

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Instance | <pre><tns:efsStartort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsStartort_ID></pre> |
| Source | <pre><xs:element name="efsStartort_ID" type="ion:Ort_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TX_EFSLOG_Type / tns:efsZielort_ID

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Diagram | |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Instance | <pre><tns:efsZielort_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:efsZielort_ID></pre> |
| Source | <pre><xs:element name="efsZielort_ID" type="ion:Ort_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TX_EFSLOG_Type / tns:efsViaOrte_IDS

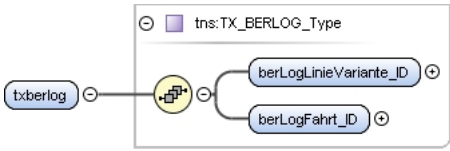
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:EFSViaOrtsListe_Type |
| Properties | content: complex |
| Model | tns:efsViaort_ID{0,3} |
| Children | tns:efsViaort_ID |
| Instance | <pre><tns:efsViaOrte_IDS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:efsViaort_ID>{0,3}</tns:efsViaort_ID> </tns:efsViaOrte_IDS></pre> |
| Source | <pre><xs:element name="efsViaOrte_IDS" type="tns:EFSViaOrtsListe_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TX_EFSLOG_Type / tns:efsLogMitnahme

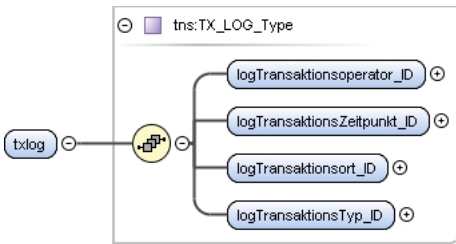
| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Mitnahme_Type |
| Properties | content: complex minOccurs: 1 maxOccurs: unbounded |
| Model | tns:mitnahmeTyp , tns:mitnahmeAnzahl |
| Children | tns:mitnahmeAnzahl, tns:mitnahmeTyp |
| Instance | <pre><tns:efsLogMitnahme xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:mitnahmeTyp>{1,1}</tns:mitnahmeTyp> <tns:mitnahmeAnzahl>{1,1}</tns:mitnahmeAnzahl> </tns:efsLogMitnahme></pre> |
| Source | <pre><xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/></pre> |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |
|-----------------|---|

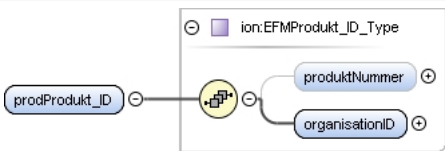
Element **tns:TX_EFSLOG_Type** / **tns:txberlog**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:TX_BERLOG_Type |
| Properties | content: complex |
| Model | tns:berLogLinieVariante_ID , tns:berLogFahrt_ID |
| Children | tns:berLogFahrt_ID, tns:berLogLinieVariante_ID |
| Instance | <pre><tns:txberlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berLogLinieVariante_ID>{1,1}</tns:berLogLinieVariante_ID> <tns:berLogFahrt_ID>{1,1}</tns:berLogFahrt_ID> </tns:txberlog></pre> |
| Source | <pre><xs:element name="txberlog" type="tns:TX_BERLOG_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TX_EFSLOG_Type** / **tns:txlog**

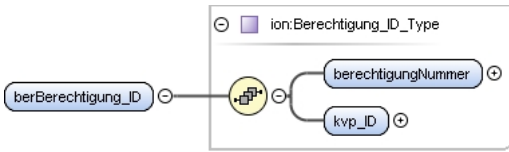
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:TX_LOG_Type |
| Properties | content: complex |
| Model | tns:logTransaktionsoperator_ID , tns:logTransaktionsZeitpunkt_ID , tns:logTransaktionsort_ID , tns:logTransaktionsTyp_ID |
| Children | tns:logTransaktionsTyp_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsoperator_ID, tns:logTransaktionsort_ID |
| Instance | <pre><tns:txlog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logTransaktionsoperator_ID>{1,1}</tns:logTransaktionsoperator_ID> <tns:logTransaktionsZeitpunkt_ID>{1,1}</tns:logTransaktionsZeitpunkt_ID> <tns:logTransaktionsort_ID>{1,1}</tns:logTransaktionsort_ID> <tns:logTransaktionsTyp_ID>{1,1}</tns:logTransaktionsTyp_ID> </tns:txlog></pre> |
| Source | <pre><xs:element name="txlog" type="tns:TX_LOG_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXASBER_Type** / **tns:prodProdukt_ID**


| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |

| | |
|-----------------|---|
| Children | organisationID, produktNummer |
| Instance | <pre><tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID></pre> |
| Source | <pre><xs:element name="prodProdukt_ID" type="ion:EFMPProdukt_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |


Element tns:TXASBER_Type / tns:berBerechtigung_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer, kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <pre><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXASBER_Type / tns:transSelektionKriterien

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:SelektionKriterien_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:dateTime tns:DateTime tns:SelektionKriterien_Type |
| Properties | content: simple |
| Source | <pre><xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN_Type / tns:prodAbrechnungsverfahren

| | | | | | | | |
|----------------|--|--------------|-----|--------------|---|-------------|----------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:Abrechnungsverfahren_CODE_Type | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:Abrechnungsverfahren_CODE_Type | | | | | | |
| Properties | content: simple | | | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>enumeration</td><td>0 Keine Angabe</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 | enumeration | 0 Keine Angabe |
| maxInclusive | 255 | | | | | | |
| minInclusive | 0 | | | | | | |
| enumeration | 0 Keine Angabe | | | | | | |

| | | | |
|-----------------|---|---|-----------|
| | enumeration | 1 | Pre-Paid |
| | enumeration | 2 | Post-Paid |
| | enumeration | 3 | Trip-Paid |
| Source | <xs:element name="prodAbrechnungsverfahren" type="ion:Abrechnungsverfahren_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TXANLN_Type / tns:berBezahlArt

| | | | |
|-----------------|---|--------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram | | | |
| Type | tns:Bezahlart_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Bezahlart_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| Source | <xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TXANLN_Type / tns:prodProdukt_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | <pre>classDiagram class prodProdukt_ID class ion_EFMProdukt_ID_Type { produktNummer organisationID } prodProdukt_ID "1" *-- "1" ion_EFMProdukt_ID_Type</pre> |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Instance | <pre><tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID></pre> |
| Source | <pre><xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN_Type / tns:berBerechtigung_ID

| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | <pre>classDiagram class ionBerechtigung_ID_Type { +berechtigungNummer +kvp_ID } class berBerechtigung_ID ionBerechtigung_ID_Type "1" -- "*" ionBerechtigung_ID_Type berBerechtigung_ID "1" -- "*" ionBerechtigung_ID_Type</pre> |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |

| | |
|-----------------|---|
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <pre><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN_Type / tns:transSelektionKriterien

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:SelektionKriterien_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:dateTime tns:DateTime tns:SelektionKriterien_Type |
| Properties | content: simple |
| Source | <pre><xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN_Type / tns:txpp

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_PP_Type |
| Properties | content: complex |
| Model | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Children | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Instance | <pre><tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis> <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer> </tns:txpp></pre> |
| Source | <pre><xs:element name="txpp" type="tns:TX_PP_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN_Type / tns:txafblog

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_AFBLOG_Type |

| | | |
|-----------------|--|-----------|
| Properties | content: | complex |
| | minOccurs: | 1 |
| | maxOccurs: | unbounded |
| Model | tns:afbLogFahrgastTyp , tns:afbLogVerkehrsmittelart , tns:afbLogServiceKlasse , tns:afbLogDynamischerRabattParameter , tns:afbLogMitnahme+ , tns:txberlog , tns:txlog | |
| Children | tns:afbLogDynamischerRabattParameter, tns:afbLogFahrgastTyp, tns:afbLogMitnahme, tns:afbLogServiceKlasse, tns:afbLogVerkehrsmittelart, tns:txberlog, tns:txlog | |
| Instance | <pre><tns:txafblog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:afbLogFahrgastTyp>{1,1}</tns:afbLogFahrgastTyp> <tns:afbLogVerkehrsmittelart>{1,1}</tns:afbLogVerkehrsmittelart> <tns:afbLogServiceKlasse>{1,1}</tns:afbLogServiceKlasse> <tns:afbLogDynamischerRabattParameter>{1,1}</tns:afbLogDynamischerRabattParameter> <tns:afbLogMitnahme>{1,unbounded}</tns:afbLogMitnahme> <tns:txberlog>{1,1}</tns:txberlog> <tns:txlog>{1,1}</tns:txlog> </tns:txafblog></pre> | |
| Source | <xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Element tns:TXAUSEFS_Type / tns:prodAbrechnungsverfahren

| | | |
|-----------------|---|----------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Diagram | | |
| Type | tns:Abrechnungsverfahren_CODE_Type | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:Abrechnungsverfahren_CODE_Type | |
| Properties | content: | simple |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| | enumeration | 0 Keine Angabe |
| | enumeration | 1 Pre-Paid |
| | enumeration | 2 Post-Paid |
| | enumeration | 3 Trip-Paid |
| Source | <xs:element name="prodAbrechnungsverfahren" type="ion:Abrechnungsverfahren_CODE_Type" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Element tns:TXAUSEFS_Type / tns:berBezahlMittel

| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Diagram | | |
| Type | tns:OctetString10 | |
| Properties | content: | simple |
| Facets | length | 10 |
| Source | <xs:element name="berBezahlMittel" type="ct:OctetString10" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Element tns:TXAUSEFS_Type / tns:berBezahlArt

| | | |
|-----------|---------------------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Diagram | | |

| | |
|-----------------|---|
| Type | tns:Bezahlart_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:Bezahlart_CODE_Type |
| Properties | content: simple |
| Facets | maxInclusive 255 minInclusive 0 |
| Source | <code><xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS_Type / tns:prodProdukt_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Instance | <pre><tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID></pre> |
| Source | <code><xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS_Type / tns:berBerechtigung_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <code><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS_Type / tns:transSelektionKriterien

| | |
|-----------|-----------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:SelektionKriterien_Type |

| | |
|-----------------|---|
| Type hierarchy | <ul style="list-style-type: none"> xs:dateTime tns:DateTime tns:SelektionKriterien_Type |
| Properties | content: simple |
| Source | <code><xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS_Type / tns:txpp

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_PP_Type |
| Properties | content: complex |
| Model | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Children | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Instance | <pre><tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis> <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer> </tns:txpp></pre> |
| Source | <code><xs:element name="txpp" type="tns:TX_PP_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS_Type / tns:txefslog

| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_EFSLOG_Type |
| Properties | content: complex minOccurs: 1 maxOccurs: unbounded |
| Model | tns:efsFahrgastTyp, tns:efsVerkehrsmittelKategorie, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsZielort_ID, tns:efsViaOrte_IDs, tns:efsLogMitnahme+, tns:txberlog, tns:txlog |
| Children | tns:efsFahrgastTyp, tns:efsLogMitnahme, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsVerkehrsmittelKategorie, tns:efsViaOrte_IDs, tns:efsZielort_ID, tns:txberlog, tns:txlog |

| | |
|-----------------|---|
| Instance | <pre><tns:txefslog xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:efsFahrgastTyp>{1,1}</tns:efsFahrgastTyp> <tns:efsVerkehrsmittelKategorie>{1,1}</tns:efsVerkehrsmittelKategorie> <tns:efsLogServiceKlasse>{1,1}</tns:efsLogServiceKlasse> <tns:efsServiceKlasseExtra>{1,1}</tns:efsServiceKlasseExtra> <tns:efsStartort_ID>{1,1}</tns:efsStartort_ID> <tns:efsZielort_ID>{1,1}</tns:efsZielort_ID> <tns:efsViaOrte_IDs>{1,1}</tns:efsViaOrte_IDs> <tns:efsLogMitnahme>{1,unbounded}</tns:efsLogMitnahme> <tns:txberlog>{1,1}</tns:txberlog> <tns:txlog>{1,1}</tns:txlog> </tns:txefslog></pre> |
| Source | <code><xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXADM_Type / tns:transMediennummer

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:OctetString10 |
| Properties | content: simple |
| Facets | length 10 |
| Source | <code><xs:element name="transMediennummer" type="ct:OctetString10"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXADM_Type / tns:transappInstanz_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:transappInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:transappInstanz_ID></pre> |
| Source | <code><xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER_Type / tns:tx_ber

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |

| | |
|-----------------|--|
| Type | tns:TX_BER_Type |
| Properties | content: complex |
| Model | berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel |
| Children | berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren |
| Instance | <pre><tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berGueltigkeitsbeginn>{1,1}</berGueltigkeitsbeginn> <berGueltigkeitsende>{1,1}</berGueltigkeitsende> <prodAbrechnungsVerfahren>{1,1}</prodAbrechnungsVerfahren> <berBezahlArt>{1,1}</berBezahlArt> <berBezahlMittel>{1,1}</berBezahlMittel> </tns:tx_ber></pre> |
| Source | <code><xs:element name="tx_ber" type="ion:TX_BER_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER_Type / tns:berechtigungTarifbereich

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | xs:hexBinary |
| Properties | content: simple |
| Source | <code><xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER_Type / tns:berechtigungTarifbereichZusatz

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | xs:hexBinary |
| Properties | content: simple minOccurs: 0 |
| Source | <code><xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER_Type / tns:ausgabeTransaktionBerechtigung

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:ausgabeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:ausgabeTransaktionBerechtigung></pre> |
| Source | <code><xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER_Type / tns:berNmTransaktionMAC

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Diagram | |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluesel_ID , berMAC_KVP_Schluesel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluesel_ID, berMAC_PV, berMAC_PV_Schluesel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluesel_ID>{1,1}</berMAC_PV_Schluesel_ID> <berMAC_KVP_Schluesel_ID>{1,1}</berMAC_KVP_Schluesel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <code><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAEBER_Type / tns:tx_ber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_BER_Type |
| Properties | content: complex |
| Model | berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel |
| Children | berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren |
| Instance | <pre><tns:tx_ber xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berGueltigkeitsbeginn>{1,1}</berGueltigkeitsbeginn> <berGueltigkeitsende>{1,1}</berGueltigkeitsende> <prodAbrechnungsVerfahren>{1,1}</prodAbrechnungsVerfahren> <berBezahlArt>{1,1}</berBezahlArt> <berBezahlMittel>{1,1}</berBezahlMittel> </tns:tx_ber></pre> |
| Source | <code><xs:element name="tx_ber" type="ion:TX_BER_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAEBER_Type / tns:berechtigungTarifbereich

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | xs:hexBinary |
| Properties | content: simple |
| Source | <code><xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXAENBER_Type` / `tns:fahrttransaktion`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:fahrttransaktion></pre> |
| Source | <pre><xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXAENBER_Type` / `tns:berNmTransaktionMAC`

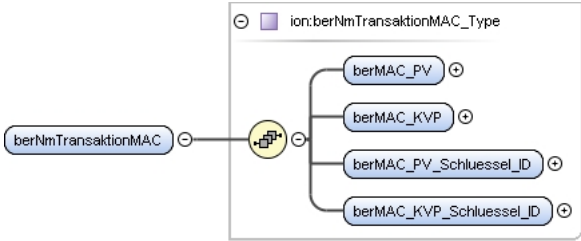
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schlüssel_ID>{1,1}</berMAC_PV_Schlüssel_ID> <berMAC_KVP_Schlüssel_ID>{1,1}</berMAC_KVP_Schlüssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <pre><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXRBER_Type` / `tns:ruecknahmeTransaktionBerechtigung`

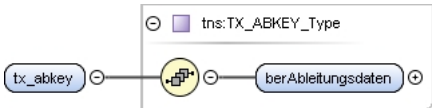
| | |
|------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:ruecknahmeTransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:ruecknahmeTransaktionBerechtigung></pre> |
| Source | <pre><xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/></pre> |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |
|-----------------|---|

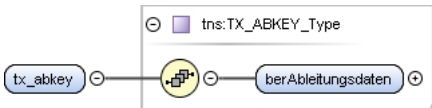
Element **tns:TXRBER_Type** / **tns:berNmTransaktionMAC**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluesel_ID , berMAC_KVP_Schluesel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluesel_ID, berMAC_PV, berMAC_PV_Schluesel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluesel_ID>{1,1}</berMAC_PV_Schluesel_ID> <berMAC_KVP_Schluesel_ID>{1,1}</berMAC_KVP_Schluesel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <pre><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXAMBER_Type** / **tns:tx_abkey**

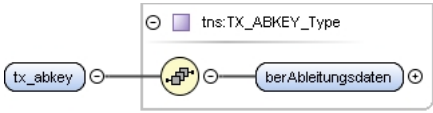
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:TX_ABKEY_Type |
| Properties | content: complex |
| Model | tns:berAbleitungsdaten |
| Children | tns:berAbleitungsdaten |
| Instance | <pre><tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten> </tns:tx_abkey></pre> |
| Source | <pre><xs:element name="tx_abkey" type="tns:TX_ABKEY_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXEMBER_Type** / **tns:tx_abkey**


| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:TX_ABKEY_Type |
| Properties | content: complex |
| Model | tns:berAbleitungsdaten |
| Children | tns:berAbleitungsdaten |
| Instance | <pre><tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"></pre> |

| | |
|-----------------|---|
| | <code><tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten></code> <code></tns:tx_abkey></code> |
| Source | <code><xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

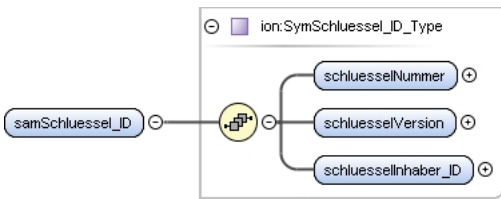
Element **tns:TXRMBER_Type** / **tns:tx_abkey**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:TX_ABKEY_Type |
| Properties | content: complex |
| Model | tns:berAbleitungsdaten |
| Children | tns:berAbleitungsdaten |
| Instance | <code><tns:tx_abkey xmlns:tns="http://vdv/ka/kvp-dl-pv/2"></code> <code><tns:berAbleitungsdaten>{1,1}</tns:berAbleitungsdaten></code> <code></tns:tx_abkey></code> |
| Source | <code><xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXASKON_Type** / **tns:samSAM_ID**


| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:TXASKON_Type** / **tns:samSchluessel_ID**


| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |

| | |
|-----------------|--|
| Instance | <pre><tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:samSchluessel_ID></pre> |
| Source | <pre><xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |


Element tns:TXASKON_Type / tns:samLoadKeyZaehler

| | | | | | |
|-----------------|--|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td> <td>4294967295</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samLoadKeyZaehler" type="ct:INT4" /></pre> | | | | |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXASKON_Type / tns:samNutzungsLimitNeu

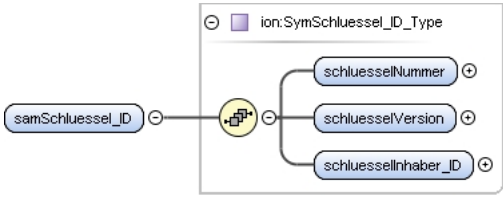
| | | | | | |
|-----------------|--|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td> <td>4294967295</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samNutzungsLimitNeu" type="ct:INT4" /></pre> | | | | |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXUEBERKON_Type / tns:samSAM_ID

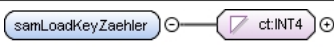
| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT3 <ul style="list-style-type: none"> tns:ReferenceNumberThree <ul style="list-style-type: none"> tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samSAM_ID" type="ion:SAM_ID_Type" /></pre> | | | | |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXUEBERKON_Type / tns:samSchluessel_ID

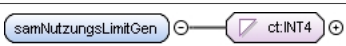
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Diagram |  |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><tns:samSchluessel_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:samSchluessel_ID></pre> |
| Source | <pre><xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

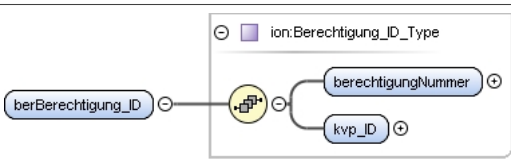
Element tns:TXUEBERKON_Type / tns:samLoadKeyZaehler

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samLoadKeyZaehler" type="ct:INT4" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXUEBERKON_Type / tns:samNutzungsLimitGen

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="samNutzungsLimitGen" type="ct:INT4" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXBEKODL_Type / tns:berBerechtigung_ID

| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |

| | |
|-----------------|---|
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <code><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXBEKODL_Type` / `tns:txpp`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:TX_PP_Type |
| Properties | content: complex |
| Model | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Children | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Instance | <pre><tns:txpp xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:ppLeistungsPreis>{1,1}</tns:ppLeistungsPreis> <tns:ppMehrwertsteuer>{1,1}</tns:ppMehrwertsteuer> </tns:txpp></pre> |
| Source | <code><xs:element name="txpp" type="tns:TX_PP_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXBEKODL_Type` / `tns:fahrttransaktion`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex maxOccurs: unbounded |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:fahrttransaktion xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:fahrttransaktion></pre> |
| Source | <code><xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" maxOccurs="unbounded"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXBEKODL_Type` / `tns:berNmTransaktionMAC`

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluesssel_ID , berMAC_KVP_Schluesssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluesssel_ID, berMAC_PV, berMAC_PV_Schluesssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluesssel_ID>{1,1}</berMAC_PV_Schluesssel_ID> <berMAC_KVP_Schluesssel_ID>{1,1}</berMAC_KVP_Schluesssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEWEBKOKVP_Type / tns:belastungstransaktionBerechtigung

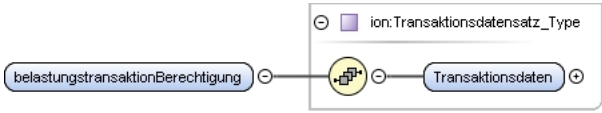
| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung></pre> |
| Source | <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEWEBKOKVP_Type / tns:berNmTransaktionMAC

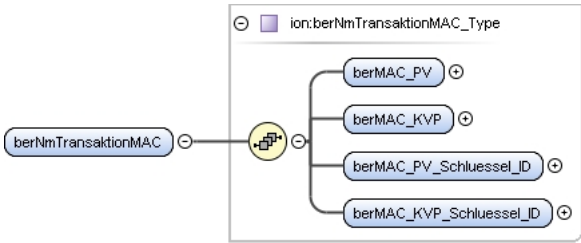
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluesssel_ID , berMAC_KVP_Schluesssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluesssel_ID, berMAC_PV, berMAC_PV_Schluesssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluesssel_ID>{1,1}</berMAC_PV_Schluesssel_ID> <berMAC_KVP_Schluesssel_ID>{1,1}</berMAC_KVP_Schluesssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXGKO_Type / tns:belastungstransaktionBerechtigung

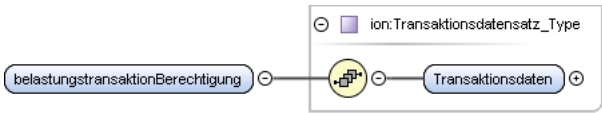
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Diagram |  |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung></pre> |
| Source | <pre><xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

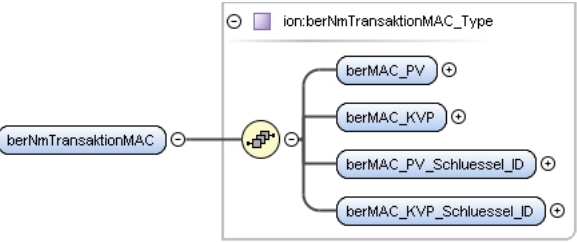
Element tns:TXGKO_Type / tns:berNmTransaktionMAC

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluessel_ID , berMAC_KVP_Schluessel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schluessel_ID>{1,1}</berMAC_PV_Schluessel_ID> <berMAC_KVP_Schluessel_ID>{1,1}</berMAC_KVP_Schluessel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <pre><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

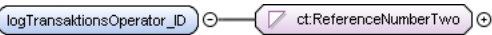
Element tns:TXGWEB_Type / tns:belastungstransaktionBerechtigung

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:belastungstransaktionBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:belastungstransaktionBerechtigung></pre> |
| Source | <pre><xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

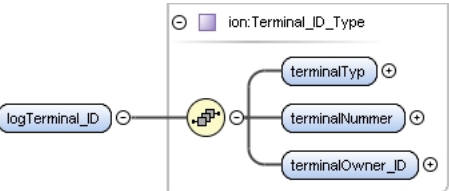
Element **tns:TXGWEB_Type** / **tns:berNmTransaktionMAC**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schlüssel_ID>{1,1}</berMAC_PV_Schlüssel_ID> <berMAC_KVP_Schlüssel_ID>{1,1}</berMAC_KVP_Schlüssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <pre><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXKNAWA_Type** / **tns:logTransaktionsOperator_ID**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:ReferenceNumberTwo |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <pre><xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXKNAWA_Type** / **tns:logTerminal_ID**

| | |
|------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Terminal_ID_Type |
| Properties | content: complex |
| Model | terminalTyp , terminalNummer , terminalOwner_ID |
| Children | terminalNummer, terminalOwner_ID, terminalTyp |
| Instance | <pre><tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp></pre> |

| | |
|-----------------|---|
| | <pre><terminalNumber>{1,1}</terminalNumber> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID></pre> |
| Source | <code><xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXKNAWA_Type** / **tns:logTransaktionsZeitpunkt**

| | | | | | |
|-----------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:DateTimeCompact | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table> | maxInclusive | 2117-12-31T23:59:58 | minInclusive | 1990-01-01T00:00:00 |
| maxInclusive | 2117-12-31T23:59:58 | | | | |
| minInclusive | 1990-01-01T00:00:00 | | | | |
| Source | <code><xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element **tns:TXKNAWA_Type** / **tns:logTransaktionsOrt_ID**

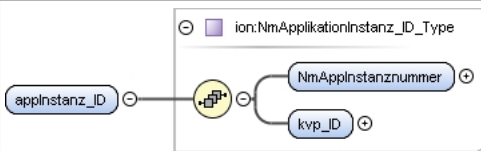
| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Instance | <pre><tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID></pre> |
| Source | <code><xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXKNAWA_Type** / **tns:logValidationCode**

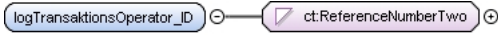
| | | | |
|----------------|--|--------|-------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Diagram | | | |
| Type | tns:Validation_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Validation_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Daten nicht authentisch |

| | | | |
|-----------------|---|----|--|
| | enumeration | 2 | Zeitlich unguelstig |
| | enumeration | 3 | Raeumlich unguelstig |
| | enumeration | 4 | Persoenlich unguelstig (fuer personengebundene Objekte) |
| | enumeration | 5 | gesperster SAM (nur Statische Berechtigung) |
| | enumeration | 6 | gesperzte ORG (nur Statische Berechtigung) |
| | enumeration | 7 | sym. Schluessel gesperrt oder nicht vorhanden |
| | enumeration | 8 | asym. Schuessel gesperrt oder nicht vorhanden |
| | enumeration | 9 | Status im App. Verzeichnis nicht gesetzt |
| | enumeration | 10 | Ausgabetransaktionskennung fehlt |
| | enumeration | 11 | Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel |
| | enumeration | 19 | gesperrt (EN 1545-1 blocked (19)) |
| Source | <xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TXKNAWA_Type / tns:appInstanz_ID

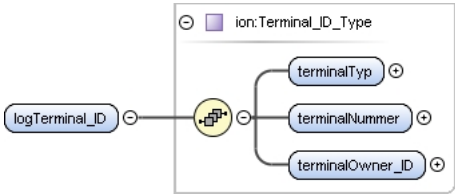
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:appInstanz_ID></pre> |
| Source | <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWB_Type / tns:logTransaktionsOperator_ID


| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:ReferenceNumberTwo |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWB_Type / tns:logTerminal_ID

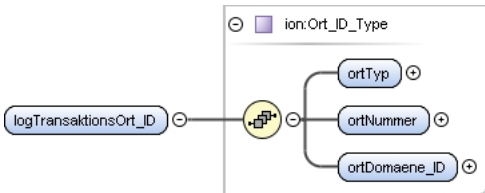
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Diagram |  |
| Type | tns:Terminal_ID_Type |
| Properties | content: complex |
| Model | terminalTyp , terminalNumber , terminalOwner_ID |
| Children | terminalNumber, terminalOwner_ID, terminalTyp |
| Instance | <pre><tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <terminalNumber>{1,1}</terminalNumber> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID></pre> |
| Source | <pre><xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWB_Type / tns:logTransaktionsZeitpunkt

| | | | | | |
|-----------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:DateTimeCompact | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table> | maxInclusive | 2117-12-31T23:59:58 | minInclusive | 1990-01-01T00:00:00 |
| maxInclusive | 2117-12-31T23:59:58 | | | | |
| minInclusive | 1990-01-01T00:00:00 | | | | |
| Source | <pre><xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:TXKNAWB_Type / tns:logTransaktionsOrt_ID

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNumber , ortDomaene_ID |
| Children | ortDomaene_ID, ortNumber, ortTyp |
| Instance | <pre><tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNumber>{1,1}</ortNumber> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID></pre> |
| Source | <pre><xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWB_Type / tns:logValidationCode

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | | | |
|-----------------|--|--------|--|
| Diagram | | | |
| Type | tns:Validation_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none">• xs:unsignedInt<ul style="list-style-type: none">• tns:INT1<ul style="list-style-type: none">• tns:Validation_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Daten nicht authentisch |
| | enumeration | 2 | Zeitlich unguelutig |
| | enumeration | 3 | Raeumlich unguelutig |
| | enumeration | 4 | Persoenlich unguelutig (fuer personengebundene Objekte) |
| | enumeration | 5 | gesperrrter SAM (nur Statische Berechtigung) |
| | enumeration | 6 | gesperrrte ORG (nur Statische Berechtigung) |
| | enumeration | 7 | sym. Schluessel gesperrrt oder nicht vorhanden |
| | enumeration | 8 | asym. Schuessel gesperrrt oder nicht vorhanden |
| | enumeration | 9 | Status im App. Verzeichnis nicht gesetzt |
| | enumeration | 10 | Ausgabetransaktionskennung fehlt |
| | enumeration | 11 | Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel |
| | enumeration | 19 | gesperrrt (EN 1545-1 blocked (19)) |
| Source | <xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Element tns:TXKNAWB_Type / tns:berBerechtigung_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <code><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXLPEB_Type / tns:einzahlungsbelegBerechtigung

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |

| | |
|-----------------|--|
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><tns:ezahlungsbelegBerechtigung xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <Transaktionsdaten>{1,1}</Transaktionsdaten> </tns:ezahlungsbelegBerechtigung></pre> |
| Source | <code><xs:element name="ezahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXLPEB_Type / tns:berNmTransaktionMAC

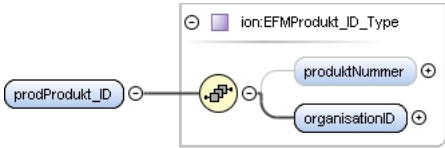
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| Instance | <pre><tns:berNmTransaktionMAC xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schlüssel_ID>{1,1}</berMAC_PV_Schlüssel_ID> <berMAC_KVP_Schlüssel_ID>{1,1}</berMAC_KVP_Schlüssel_ID> </tns:berNmTransaktionMAC></pre> |
| Source | <code><xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSANFB_Type / tns:berBerechtigung_ID

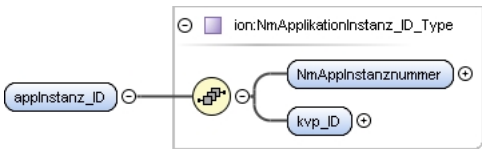
| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berBerechtigung_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berBerechtigung_ID></pre> |
| Source | <code><xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSANFB_Type / tns:prodProdukt_ID

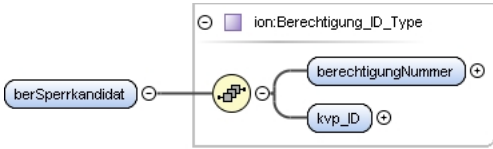
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Diagram |  |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Instance | <pre><tns:prodProdukt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </tns:prodProdukt_ID></pre> |
| Source | <pre><xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |


Element tns:TXSANFA_Type / tns:appInstanz_ID

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:appInstanz_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:appInstanz_ID></pre> |
| Source | <pre><xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |


Element tns:TXSMITB_Type / tns:berSperrkandidat

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berSperrkandidat></pre> |
| Source | <pre><xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

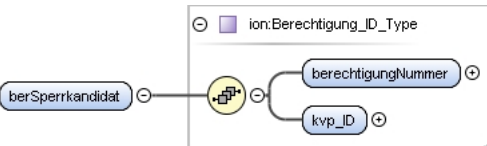
Element **tns:TXSMITO_Type** / **tns:orgSperrkandidat**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <code><xs:element name="orgSperrkandidat" type="ka:Organisation_ID" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXSMITS_Type** / **tns:samSperrkandidat**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:SAM_ID_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 <ul style="list-style-type: none"> tns:ReferenceNumberThree tns:SAM_ID_Type |
| Properties | content: simple |
| Facets | maxInclusive 16777215 minInclusive 0 |
| Source | <code><xs:element name="samSperrkandidat" type="ion:SAM_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXSFREIMITB_Type** / **tns:berSperrkandidat**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |
| Model | berechtigungNummer, kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Instance | <pre><tns:berSperrkandidat xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <berechtigungNummer>{1,1}</berechtigigungNummer> <kvp_ID>{1,1}</kvp_ID> </tns:berSperrkandidat></pre> |
| Source | <code><xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXSFREIMITO_Type** / **tns:orgSperrkandidat**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 minInclusive 0 |
| Source | <code><xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:TXSFREIMITS_Type** / **tns:samSperrkandidat**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:SAM_ID_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 <ul style="list-style-type: none"> tns:ReferenceNumberThree tns:SAM_ID_Type |
| Properties | content: simple |
| Facets | maxInclusive 16777215 minInclusive 0 |
| Source | <code><xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element **tns:AllgemeineTransaktionsdaten**

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: AllgemeineTransaktionsdaten |
| Diagram | |
| Properties | content: complex |
| Used by | Complex Type tns:TXTRANSABBRUCH_Type |
| Model | tns:logApplikationSeqNummer, tns:logNmTransaktion_ID, tns:logTransaktionsOperator_ID, tns:logTerminal_ID, tns:logTransaktionsZeitpunkt, tns:logTransaktionsOrt_ID, tns:logTransaktionsTyp.code |

| | |
|-----------------|---|
| Children | tns:logApplikationSeqNummer, tns:logNmTransaktion_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsTyp.code, tns:logTransaktionsZeitpunkt |
| Instance | <pre><tns:AllgemeineTransaktionsdaten xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:logApplikationSeqNummer>{1,1}</tns:logApplikationSeqNummer> <tns:logNmTransaktion_ID>{1,1}</tns:logNmTransaktion_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logTransaktionsTyp.code>{1,1}</tns:logTransaktionsTyp.code> </tns:AllgemeineTransaktionsdaten></pre> |
| Source | <pre><xs:element name="AllgemeineTransaktionsdaten"> <xs:annotation> <xs:documentation>Element: AllgemeineTransaktionsdaten</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/> <xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type"/> <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/> <xs:element name="logTransaktionsTyp.code" type="ct:INT1"/> </xs:sequence> </xs:complexType> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:AllgemeineTransaktionsdaten / tns:logApplikationSeqNummer


| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram | | | | | |
| Type | tns:SequenceNumberTwo | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:SequenceNumberTwo | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="logApplikationSeqNummer" type="ct:SequenceNumberTwo"/></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element tns:AllgemeineTransaktionsdaten / tns:logNmTransaktion_ID

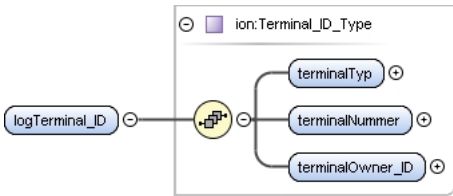
| | |
|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | tns:NmTransaktion_ID_Type |
| Properties | content: complex |
| Model | tns:samSequenznummer, tns:SAM_ID.samNummer |
| Children | tns:SAM_ID.samNummer, tns:samSequenznummer |
| Instance | <pre><tns:logNmTransaktion_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <tns:samSequenznummer>{1,1}</tns:samSequenznummer> <tns:SAM_ID.samNummer>{1,1}</tns:SAM_ID.samNummer> </tns:logNmTransaktion_ID></pre> |
| Source | <pre><xs:element name="logNmTransaktion_ID" type="tns:NmTransaktion_ID_Type"/></pre> |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |
|-----------------|---|


Element `tns:AllgemeineTransaktionsdaten` / `tns:logTransaktionsOperator_ID`

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:ReferenceNumberTwo | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element `tns:AllgemeineTransaktionsdaten` / `tns:logTerminal_ID`

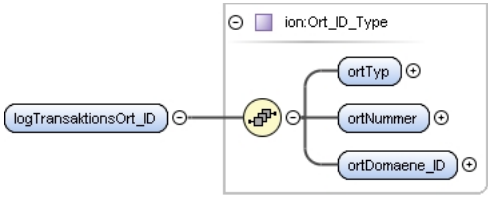
| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram |  |
| Type | tns:Terminal_ID_Type |
| Properties | content: complex |
| Model | terminalTyp , terminalNummer , terminalOwner_ID |
| Children | terminalNummer, terminalOwner_ID, terminalTyp |
| Instance | <pre><tns:logTerminal_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <terminalTyp>{1,1}</terminalTyp> <terminalNummer>{1,1}</terminalNummer> <terminalOwner_ID>{1,1}</terminalOwner_ID> </tns:logTerminal_ID></pre> |
| Source | <code><xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:AllgemeineTransaktionsdaten` / `tns:logTransaktionsZeitpunkt`


| | | | | | |
|-----------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:DateTimeCompact | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> <tr> <td>minInclusive</td><td>1990-01-01T00:00:00</td></tr> </table> | maxInclusive | 2117-12-31T23:59:58 | minInclusive | 1990-01-01T00:00:00 |
| maxInclusive | 2117-12-31T23:59:58 | | | | |
| minInclusive | 1990-01-01T00:00:00 | | | | |
| Source | <code><xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Element `tns:AllgemeineTransaktionsdaten` / `tns:logTransaktionsOrt_ID`

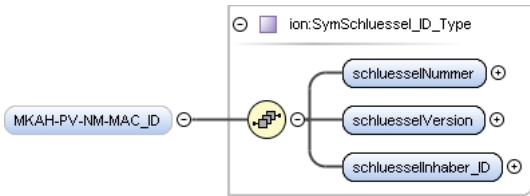
| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Diagram |  |
| Type | tns:Ort_ID_Type |
| Properties | content: complex |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Instance | <pre><tns:logTransaktionsOrt_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <ortTyp>{1,1}</ortTyp> <ortNummer>{1,1}</ortNummer> <ortDomaene_ID>{1,1}</ortDomaene_ID> </tns:logTransaktionsOrt_ID></pre> |
| Source | <pre><xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

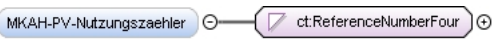
Element tns:AllgemeineTransaktionsdaten / tns:logTransaktionsTyp.code

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="logTransaktionsTyp.code" type="ct:INT1" /></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

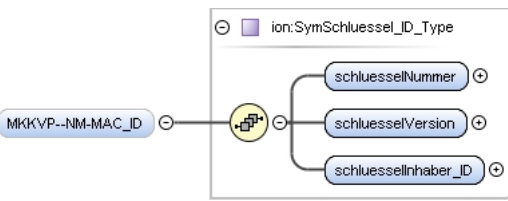
Element tns:TXTRANSABBRUCH_Type / tns:MKAH-PV-NM-MAC_ID

| | | | | | | | |
|-----------------|--|----------|---------|------------|---|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:SymSchluessel_ID_Type | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table> | content: | complex | minOccurs: | 0 | maxOccurs: | 1 |
| content: | complex | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID | | | | | | |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion | | | | | | |
| Instance | <pre><tns:MKAH-PV-NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:MKAH-PV-NM-MAC_ID></pre> | | | | | | |
| Source | <pre><xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1" /></pre> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | | | |


Element **tns:TXTRANSABBRUCH_Type** / **tns:MKAH-PV-Nutzungszaehler**

| | | | | | | | |
|-----------------|---|--------------|------------|--------------|---|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:ReferenceNumberFour | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr><td>maxInclusive</td><td>4294967295</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 | | |
| maxInclusive | 4294967295 | | | | | | |
| minInclusive | 0 | | | | | | |
| Source | <code><xs:element name="MKAH-PV-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | | | |

Element **tns:TXTRANSABBRUCH_Type** / **tns:MKKVP--NM-MAC_ID**

| | | | | | | | |
|-----------------|--|----------|---------|------------|---|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:SymSchluessel_ID_Type | | | | | | |
| Properties | <table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | complex | minOccurs: | 0 | maxOccurs: | 1 |
| content: | complex | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID | | | | | | |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion | | | | | | |
| Instance | <code><tns:MKKVP--NM-MAC_ID xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </tns:MKKVP--NM-MAC_ID></code> | | | | | | |
| Source | <code><xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | | | |

Element **tns:TXTRANSABBRUCH_Type** / **tns:MKKVP-Nutzungszaehler**

| | | | | | |
|----------------|---|----------|--------|------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:ReferenceNumberFour | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> </table> | content: | simple | minOccurs: | 0 |
| content: | simple | | | | |
| minOccurs: | 0 | | | | |

| | |
|-----------------|---|
| | maxOccurs: 1 |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXADM

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Antwort auf Anfrage wegen Defektem Medium |
| Diagram | |
| Type | tns:TXADM_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXADM_Type |
| Properties | content: complex |
| Model | txbase , tns:transMediennummer , tns:transappInstanz_ID |
| Children | tns:transMediennummer, tns:transappInstanz_ID, txbase |
| Instance | <pre><tns:TXADM xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:transMediennummer>{1,1}</tns:transMediennummer> <tns:transappInstanz_ID>{1,1}</tns:transappInstanz_ID> </tns:TXADM></pre> |
| Source | <pre><xs:element name="TXADM" type="tns:TXADM_Type"> <xs:annotation> <xs:documentation>Element: Antwort auf Anfrage wegen Defektem Medium</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAEBER

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Aenderung einer Berechtigung (nicht moeglich bei EFS) |
| Diagram | |
| Type | tns:TXAEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAEBER_Type |
| Properties | content: complex |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich |

| | |
|-----------------|--|
| Children | tns:berechtigungTarifbereich, tns:tx_ber, txbase |
| Instance | <pre><tns:TXAEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> </tns:TXAEBER></pre> |
| Source | <pre><xs:element name="TXAEBER" type="tns:TXAEBER_Type"> <xs:annotation> <xs:documentation>Element: Aenderung einer Berechtigung (nicht moeglich bei EFS)</ </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAENBER

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS) |
| Diagram | |
| Type | tns:TXAENBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAENBER_Type |
| Properties | content: complex |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC |
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase |
| Instance | <pre><tns:TXAENBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXAENBER></pre> |
| Source | <pre><xs:element name="TXAENBER" type="tns:TXAENBER_Type"> <xs:annotation> <xs:documentation>Element: Aenderung der Nutzertarifparameter einer Berechtigung (nicht moeglich bei EFS)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAS

| | |
|-------------|----------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Aufforderung zum Senden |
| Diagram | |
| Type | tns:TXAS_Type |

| | |
|-----------------|--|
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXAS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXAS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXAS></pre> |
| Source | <pre><xs:element name="TXAS" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXASKON

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM |
| Diagram | <pre> classDiagram class tnsTXASKON_Type class ionTXAS_Type["ion:TXAS_Type (extension base)"] class tnsTX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class transSendeAuftrag class transSendeAuftragstyp class samSAM_ID class samSchluessel_ID class samLoadKeyZaehler class samNutzungsLimitNeu tnsTXASKON_Type -- > ionTXAS_Type ionTXAS_Type -- > tnsTX_BASE_Type tnsTXASKON_Type -- txbase tnsTXASKON_Type -- transSendeAuftrag tnsTXASKON_Type -- transSendeAuftragstyp tnsTXASKON_Type -- samSAM_ID tnsTXASKON_Type -- samSchluessel_ID tnsTXASKON_Type -- samLoadKeyZaehler tnsTXASKON_Type -- samNutzungsLimitNeu </pre> |
| Type | tns:TXASKON_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASKON_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitNeu |
| Children | tns:samLoadKeyZaehler, tns:samNutzungsLimitNeu, tns:samSAM_ID, tns:samSchluessel_ID, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:samSAM_ID>{1,1}</tns:samSAM_ID> <tns:samSchluessel_ID>{1,1}</tns:samSchluessel_ID> <tns:samLoadKeyZaehler>{1,1}</tns:samLoadKeyZaehler> <tns:samNutzungsLimitNeu>{1,1}</tns:samNutzungsLimitNeu> </tns:TXASKON></pre> |
| Source | <pre><xs:element name="TXASKON" type="tns:TXASKON_Type"> <xs:annotation></pre> |

| | |
|-----------------|--|
| | <pre> <xs:documentation>Element: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXUEBERKON

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM |
| Diagram | |
| Type | tns:TXUEBERKON_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXUEBERKON_Type |
| Properties | content: complex |
| Model | txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen |
| Children | tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase |
| Instance | <pre> <tns:TXUEBERKON xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:samSAM_ID>{1,1}</tns:samSAM_ID> <tns:samSchluessel_ID>{1,1}</tns:samSchluessel_ID> <tns:samLoadKeyZaehler>{1,1}</tns:samLoadKeyZaehler> <tns:samNutzungsLimitGen>{1,1}</tns:samNutzungsLimitGen> </tns:TXUEBERKON> </pre> |
| Source | <pre> <xs:element name="TXUEBERKON" type="tns:TXUEBERKON_Type"> <xs:annotation> <xs:documentation>Element: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEKODL

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL). |

| | |
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| Diagram | |
| Type | tns:TXBEKODL_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEKODL_Type |
| Properties | content: complex |
| Model | txbase , tns:berBerechtigung_ID , tns:txpp , tns:fahrttransaktion+ , tns:berNmTransaktionMAC |
| Children | tns:berBerechtigung_ID, tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:txpp, txbase |
| Instance | <pre><tns:TXBEKODL xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:txpp>{1,1}</tns:txpp> <tns:fahrttransaktion>{1,unbounded}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXBEKODL></pre> |
| Source | <pre><xs:element name="TXBEKODL" type="tns:TXBEKODL_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEKOKVP

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL) |
| Diagram | |
| Type | tns:TXBEWEBKOKVP_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEWEBKOKVP_Type |
| Properties | content: complex |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Instance | <pre><tns:TXBEKOKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXBEKOKVP></pre> |
| Source | <pre><xs:element name="TXBEKOKVP" type="tns:TXBEWEBKOKVP_Type"></pre> |

| | |
|-----------------|---|
| | <pre> <xs:annotation> <xs:documentation>Element: Belastung POB/PEB durch Kauf eines EFS (analog TXBEKODL)</ xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXGKO

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog TXBEKOKVP) |
| Diagram | |
| Type | tns:TXGKO_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXGKO_Type |
| Properties | content: complex |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Instance | <pre> <tns:TXGKO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXGKO> </pre> |
| Source | <pre> <xs:element name="TXGKO" type="tns:TXGKO_Type"> <xs:annotation> <xs:documentation>Element: Gutschrift POB/PEB nach Ruecknahme Kauf eines EFS (analog TXBEKOKVP)</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXBEWEBKVP

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP) |
| Diagram | |
| Type | tns:TXBEWEBKOKVP_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEWEBKOKVP_Type |
| Properties | content: complex |

| | |
|-----------------|--|
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Instance | <pre><tns:TXBEWEBKVP xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXBEWEBKVP></pre> |
| Source | <pre><xs:element name="TXBEWEBKVP" type="tns:TXBEWEBKOKVP_Type"> <xs:annotation> <xs:documentation>Element: Belastung WEB durch Kauf eines EFS (analog TXBEKOKVP)</ xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXGWEB

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Gutschrift WEB nach Ruecknahme eines EFS (analog TXBEKOKVP) |
| Diagram | |
| Type | tns:TXGWEB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXGWEB_Type |
| Properties | content: complex |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Instance | <pre><tns:TXGWEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:belastungstransaktionBerechtigung>{1,1}</tns:belastungstransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXGWEB></pre> |
| Source | <pre><xs:element name="TXGWEB" type="tns:TXGWEB_Type"> <xs:annotation> <xs:documentation>Element: Gutschrift WEB nach Ruecknahme eines EFS (analog TXBEKOKVP)</ xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXABER

| | |
|-------------|-------------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Ausgabe einer Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXABER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXABER_Type |
| Properties | content: complex |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_ber, txbase |
| Instance | <pre><tns:TXABER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> <tns:berechtigungTarifbereichZusatz>{0,1}</tns:berechtigungTarifbereichZusatz> <tns:ausgabeTransaktionBerechtigung>{1,1}</tns:ausgabeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXABER></pre> |
| Source | <pre><xs:element name="TXABER" type="tns:TXABER_Type"> <xs:annotation> <xs:documentation>Element: Ausgabe einer Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXEBER

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Erfassung einer Berechtigungstransaktion |
| Diagram | |
| Type | tns:TXEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type |
| Properties | content: complex |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC |
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase |
| Instance | <pre><tns:TXEBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|--|
| | <pre> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXEBER> </pre> |
| Source | <pre> <xs:element name="TXEBER" type="tns:TXEBER_Type"> <xs:annotation> <xs:documentation>Element: Erfassung einer Berechtigungstransaktion</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXRBER

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Ruecknahme einer Berechtigung |
| Diagram | |
| Type | tns:TXRBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRBER_Type |
| Properties | content: complex |
| Model | txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase |
| Instance | <pre> <tns:TXRBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:ruecknahmeTransaktionBerechtigung>{1,1}</tns:ruecknahmeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXRBER> </pre> |
| Source | <pre> <xs:element name="TXRBER" type="tns:TXRBER_Type"> <xs:annotation> <xs:documentation>Element: Ruecknahme einer Berechtigung</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXLPEB

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Laden eines PEB-Kontos |
| Diagram | |
| Type | tns:TXLPEB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXLPEB_Type |

| | |
|-----------------|--|
| Properties | content: complex |
| Model | txbase , tns:einzahlungsbelegBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:berNmTransaktionMAC, tns:einzahlungsbelegBerechtigung, txbase |
| Instance | <pre><tns:TXLPEB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:einzahlungsbelegBerechtigung>{1,1}</tns:einzahlungsbelegBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> </tns:TXLPEB></pre> |
| Source | <pre><xs:element name="TXLPEB" type="tns:TXLPEB_Type"> <xs:annotation> <xs:documentation>Element: Laden eines PEB-Kontos</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSANFB

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperranforderung fuer eine Berechtigung |
| Diagram | <pre> classDiagram class tnsTXSANFB_Type { txbase sperrSperrgrund berBerechtigung_ID prodProdukt_ID } class tnsTX_BASE_Type { txbase } class tnsTX_SANF_Type { txbase } tnsTXSANFB_Type -- > tnsTX_BASE_Type tnsTXSANFB_Type -- > tnsTX_SANF_Type </pre> |
| Type | tns:TXSANFB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFB_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID |
| Children | sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase |
| Instance | <pre><tns:TXSANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> </tns:TXSANFB></pre> |
| Source | <pre><xs:element name="TXSANFB" type="tns:TXSANFB_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSANFA

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperranforderung fuer eine Applikation |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXSANFA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFA_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , tns:applInstanz_ID |
| Children | sperrSperrgrund, tns:applInstanz_ID, txbase |
| Instance | <pre><tns:TXSANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:applInstanz_ID>{1,1}</tns:applInstanz_ID> </tns:TXSANFA></pre> |
| Source | <pre><xs:element name="TXSANFA" type="tns:TXSANFA_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer eine Applikation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSAANFB

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperraufhebungsanforderung fuer eine Berechtigung |
| Diagram | |
| Type | tns:TXSAANFB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFB_Type tns:TXSAANFB_Type |
| Properties | content: complex |

| | |
|-----------------|---|
| Model | txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID |
| Children | sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase |
| Instance | <pre><tns:TXSAANFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> </tns:TXSAANFB></pre> |
| Source | <pre><xs:element name="TXSAANFB" type="tns:TXSAANFB_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSAANFA

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperraufhebungsanforderung fuer eine Applikation |
| Diagram | |
| Type | tns:TXSAANFA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSAANFA_Type tns:TXSAANFA_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , tns:applInstanz_ID |
| Children | sperrSperrgrund, tns:applInstanz_ID, txbase |
| Instance | <pre><tns:TXSAANFA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:applInstanz_ID>{1,1}</tns:applInstanz_ID> </tns:TXSAANFA></pre> |
| Source | <pre><xs:element name="TXSAANFA" type="tns:TXSAANFA_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer eine Applikation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSMITB

| | |
|-------------|---------------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrmitteilung Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSMITB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITB_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase |
| Instance | <pre><tns:TXSMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:berSperrkandidat>{1,1}</tns:berSperrkandidat> </tns:TXSMITB></pre> |
| Source | <pre><xs:element name="TXSMITB" type="tns:TXSMITB_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSMITO

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrmitteilung Organisation |
| Diagram | |
| Type | tns:TXSMITO_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITO_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat |

| | |
|-----------------|---|
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase |
| Instance | <pre><tns:TXSMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:orgSperrkandidat>{1,1}</tns:orgSperrkandidat> </tns:TXSMITO></pre> |
| Source | <pre><xs:element name="TXSMITO" type="tns:TXSMITO_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung Organisation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSMITS

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrmitteilung SAM |
| Diagram | |
| Type | tns:TXSMITS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITS_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase |
| Instance | <pre><tns:TXSMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:samSperrkandidat>{1,1}</tns:samSperrkandidat> </tns:TXSMITS></pre> |
| Source | <pre><xs:element name="TXSMITS" type="tns:TXSMITS_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung SAM</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSFREIMITB

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrfreigabemitteilung Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSFREIMITB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITB_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase |
| Instance | <pre><tns:TXSFREIMITB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:berSperrkandidat>{1,1}</tns:berSperrkandidat> </tns:TXSFREIMITB></pre> |
| Source | <pre><xs:element name="TXSFREIMITB" type="tns:TXSFREIMITB_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSFREIMITO

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrfreigabemitteilung Organisation |
| Diagram | |
| Type | tns:TXSFREIMITO_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITO_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat |

| | |
|-----------------|---|
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase |
| Instance | <pre><tns:TXSFREIMITO xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:orgSperrkandidat>{1,1}</tns:orgSperrkandidat> </tns:TXSFREIMITO></pre> |
| Source | <pre><xs:element name="TXSFREIMITO" type="tns:TXSFREIMITO_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung Organisation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXSFREIMITS

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Sperrfreigabemitteilung SAM |
| Diagram | |
| Type | tns:TXSFREIMITS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITS_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase |
| Instance | <pre><tns:TXSFREIMITS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <tns:samSperrkandidat>{1,1}</tns:samSperrkandidat> </tns:TXSFREIMITS></pre> |
| Source | <pre><xs:element name="TXSFREIMITS" type="tns:TXSFREIMITS_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung SAM</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAUSEFS

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Auskunft-EFS Berechtigung, Anzeige fuer Servicezwecke |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXAUSEFS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAUSEFS_Type |
| Properties | content: complex |
| Model | txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlMittel , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txefslog+ |
| Children | tns:berBerechtigung_ID, tns:berBezahlArt, tns:berBezahlMittel, tns:prodAbrechnungsVerfahren, tns:prodProdukt_ID, tns:transSelektionKriterien, tns:txefslog, tns:txpp, txbase |
| Instance | <pre> <tns:TXAUSEFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:prodAbrechnungsVerfahren>{1,1}</tns:prodAbrechnungsVerfahren> <tns:berBezahlMittel>{1,1}</tns:berBezahlMittel> <tns:berBezahlArt>{1,1}</tns:berBezahlArt> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> <tns:txpp>{1,1}</tns:txpp> <tns:txefslog>{1,unbounded}</tns:txefslog> </tns:TXAUSEFS> </pre> |
| Source | <pre> <xs:element name="TXAUSEFS" type="tns:TXAUSEFS_Type"> <xs:annotation> <xs:documentation>Element: Auskunft-EFS Berechtigung, Anzeige fuer Servicezwecke</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXASBERAFB

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System |

| | |
|-----------------|---|
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXASBER_Type</code>. It is a complex type that extends <code>ion:TXAS_Type</code> (extension base), which in turn extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TXASBER_Type</code> contains several child elements: <code>txbase</code>, <code>transSendeAuftrag</code>, <code>transSendeAuftragstyp</code>, <code>prodProdukt_ID</code>, <code>berBerechtigung_ID</code>, and <code>transSelektionKriterien</code>. The <code>txbase</code> element is shown as a complex type with a cardinality of 1..1. The other elements are shown as simple types with a cardinality of 1..1.</p> |
| Type | <code>tns:TXASBER_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> • <code>tns:TXAS_Type</code> • <code>tns:TXASBER_Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>tns:prodProdukt_ID</code> , <code>tns:berBerechtigung_ID</code> , <code>tns:transSelektionKriterien</code> |
| Children | <code>tns:berBerechtigung_ID</code> , <code>tns:prodProdukt_ID</code> , <code>tns:transSelektionKriterien</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>txbase</code> |
| Instance | <pre> <tns:TXASBERAFB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> </tns:TXASBERAFB> </pre> |
| Source | <pre> <xs:element name="TXASBERAFB" type="tns:TXASBER_Type"> <xs:annotation> <xs:documentation>Element: Anforderung der Daten zur Anzeige einer Preisauskunft Fahrt AFB fuer eine Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element `tns:TXASBEREFS`

| | |
|-------------|---|
| Namespace | <code>http://vdv/ka/kvp-dl-pv/2</code> |
| Annotations | Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System |
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXASBEREFS</code>. It is a complex type that extends <code>ion:TXAS_Type</code> (extension base), which in turn extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TXASBEREFS</code> contains several child elements: <code>txbase</code>, <code>transSendeAuftrag</code>, <code>transSendeAuftragstyp</code>, <code>prodProdukt_ID</code>, <code>berBerechtigung_ID</code>, and <code>transSelektionKriterien</code>. The <code>txbase</code> element is shown as a complex type with a cardinality of 1..1. The other elements are shown as simple types with a cardinality of 1..1.</p> |

| | |
|-----------------|---|
| Type | tns:TXASBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASBER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien |
| Children | tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:transSelektionKriterien , transSendeAuftrag , transSendeAuftragstyp , txbase |
| Instance | <pre><tns:TXASBEREFS xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> </tns:TXASBEREFS></pre> |
| Source | <pre><xs:element name="TXASBEREFS" type="tns:TXASBER_Type"> <xs:annotation> <xs:documentation>Element: Anforderung der Daten zur Anzeige einer Preisauskunft ESB (post paid) fuer eine Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXANLN

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Antwort auf Anforderung der Daten zur Anzeige einer Berechtigung aus dem PV System |
| Diagram | |
| Type | tns:TXANLN_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXANLN_Type |
| Properties | content: complex |
| Model | txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txafblog+ |
| Children | tns:berBerechtigung_ID , tns:berBezahlArt , tns:prodAbrechnungsVerfahren , tns:prodProdukt_ID , tns:transSelektionKriterien , tns:txafblog , tns:txpp , txbase |
| Instance | <pre><tns:TXANLN xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:prodAbrechnungsVerfahren>{1,1}</tns:prodAbrechnungsVerfahren> <tns:berBezahlArt>{1,1}</tns:berBezahlArt> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID></pre> |

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| | <pre> <tns:transSelektionKriterien>{1,1}</tns:transSelektionKriterien> <tns:txpp>{1,1}</tns:txpp> <tns:txafblog>{1,unbounded}</tns:txafblog> </tns:TXANLN> </pre> |
| Source | <pre> <xs:element name="TXANLN" type="tns:TXANLN_Type"> <xs:annotation> <xs:documentation>Element: Antwort auf Anforderung der Daten zur Anzeige einer Berechtigung aus dem PV System</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXTRANSABBRUCH

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion |
| Diagram | <pre> classDiagram class tns_TXTRANSABBRUCH_Type { txbase tns_AllgemeineTransaktionsdaten tns_MKAH_PV_NM_MAC_ID tns_MKAH_PV_Nutzungszaehler tns_MKKVP__NM_MAC_ID tns_MKKVP_Nutzungszaehler } class ion_TX_BASE_Type { txbase } tns_TXTRANSABBRUCH_Type --> ion_TX_BASE_Type : extension base tns_TXTRANSABBRUCH_Type -- txbase tns_TXTRANSABBRUCH_Type -- tns_AllgemeineTransaktionsdaten tns_TXTRANSABBRUCH_Type -- tns_MKAH_PV_NM_MAC_ID tns_TXTRANSABBRUCH_Type -- tns_MKAH_PV_Nutzungszaehler tns_TXTRANSABBRUCH_Type -- tns_MKKVP__NM_MAC_ID tns_TXTRANSABBRUCH_Type -- tns_MKKVP_Nutzungszaehler </pre> |
| Type | tns:TXTRANSABBRUCH_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXTRANSABBRUCH_Type |
| Properties | content: complex |
| Model | txbase , tns:AllgemeineTransaktionsdaten , tns:MKAH-PV-NM-MAC_ID{0,1} , tns:MKAH-PV-Nutzungszaehler{0,1} , tns:MKKVP--NM-MAC_ID{0,1} , tns:MKKVP-Nutzungszaehler{0,1} |
| Children | tns:AllgemeineTransaktionsdaten, tns:MKAH-PV-NM-MAC_ID, tns:MKAH-PV-Nutzungszaehler, tns:MKKVP--NM-MAC_ID, tns:MKKVP-Nutzungszaehler, txbase |
| Instance | <pre> <tns:TXTRANSABBRUCH xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:AllgemeineTransaktionsdaten>{1,1}</tns:AllgemeineTransaktionsdaten> <tns:MKAH-PV-NM-MAC_ID>{0,1}</tns:MKAH-PV-NM-MAC_ID> <tns:MKAH-PV-Nutzungszaehler>{0,1}</tns:MKAH-PV-Nutzungszaehler> <tns:MKKVP--NM-MAC_ID>{0,1}</tns:MKKVP--NM-MAC_ID> <tns:MKKVP-Nutzungszaehler>{0,1}</tns:MKKVP-Nutzungszaehler> </tns:TXTRANSABBRUCH> </pre> |
| Source | <pre> <xs:element name="TXTRANSABBRUCH" type="tns:TXTRANSABBRUCH_Type"> <xs:annotation> <xs:documentation>Element: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWA

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXKNAWA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXKNAWA_Type |
| Properties | content: complex |
| Model | txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:appInstanz_ID |
| Children | tns:appInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase |
| Instance | <pre><tns:TXKNAWA xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logValidationCode>{1,1}</tns:logValidationCode> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> </tns:TXKNAWA></pre> |
| Source | <pre><xs:element name="TXKNAWA" type="tns:TXKNAWA_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Applikation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXKNAWB

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode) |
| Diagram | |

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| Type | tns:TXKNAWB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXKNAWB_Type |
| Properties | content: complex |
| Model | txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:logValidationCode , tns:berBerechtigung_ID |
| Children | tns:berBerechtigung_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase |
| Instance | <pre><tns:TXKNAWB xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:logTerminal_ID>{1,1}</tns:logTerminal_ID> <tns:logTransaktionsZeitpunkt>{1,1}</tns:logTransaktionsZeitpunkt> <tns:logTransaktionsOrt_ID>{1,1}</tns:logTransaktionsOrt_ID> <tns:logValidationCode>{1,1}</tns:logValidationCode> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> </tns:TXKNAWB></pre> |
| Source | <pre><xs:element name="TXKNAWB" type="tns:TXKNAWB_Type"> <xs:annotation> <xs:documentation>Element: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungultigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)</ xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXAMBER

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Ausgabe einer Multiberechtigung |
| Diagram | <pre> classDiagram class tnsTXAMBER_Type { txbase tx_ber berechtigungTarifbereich berechtigungTarifbereichZusatz ausgabeTransaktionBerechtigung berNmTransaktionMAC tx_abkey } class tnsTXABER_Type { tx_ber berechtigungTarifbereich berechtigungTarifbereichZusatz ausgabeTransaktionBerechtigung berNmTransaktionMAC } class ionTX_BASE_Type { txbase } tnsTXAMBER_Type -- > tnsTXABER_Type tnsTXABER_Type -- > ionTX_BASE_Type </pre> |
| Type | tns:TXAMBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXABER_Type tns:TXAMBER_Type |
| Properties | content: complex |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_abkey, tns:tx_ber, txbase |
| Instance | <pre><tns:TXAMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:tx_ber>{1,1}</tns:tx_ber></pre> |

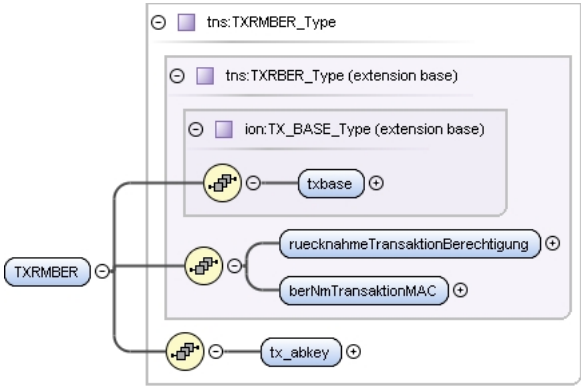
| | |
|-----------------|--|
| | <pre> <tns:berechtigungTarifbereich>{1,1}</tns:berechtigungTarifbereich> <tns:berechtigungTarifbereichZusatz>{0,1}</tns:berechtigungTarifbereichZusatz> <tns:ausgabeTransaktionBerechtigung>{1,1}</tns:ausgabeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXAMBER> </pre> |
| Source | <pre> <xs:element name="TXAMBER" type="tns:TXAMBER_Type"> <xs:annotation> <xs:documentation>Element: Ausgabe einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Element tns:TXEMBER

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Erfassung einer Multiberechtigung |
| Diagram | |
| Type | tns:TXEMBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type tns:TXEMBER_Type |
| Properties | content: complex |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:tx_abkey, txbase |
| Instance | <pre> <tns:TXEMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:fahrttransaktion>{1,1}</tns:fahrttransaktion> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXEMBER> </pre> |
| Source | <pre> <xs:element name="TXEMBER" type="tns:TXEMBER_Type"> <xs:annotation> <xs:documentation>Element: Erfassung einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

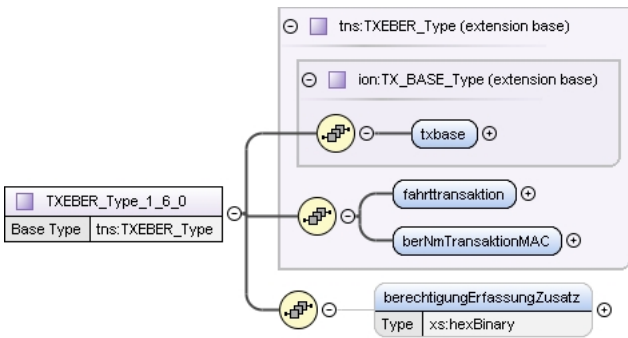
Element tns:TXRMBER

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Element: Ruecknahme einer Multiberechtigung |

| | |
|-----------------|---|
| Diagram |  |
| Type | tns:TXRMBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRBER_Type tns:TXRMBER_Type |
| Properties | content: complex |
| Model | txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase |
| Instance | <pre><tns:TXRMBER xmlns:tns="http://vdv/ka/kvp-dl-pv/2"> <txbase>{1,1}</txbase> <tns:ruecknahmeTransaktionBerechtigung>{1,1}</tns:ruecknahmeTransaktionBerechtigung> <tns:berNmTransaktionMAC>{1,1}</tns:berNmTransaktionMAC> <tns:tx_abkey>{1,1}</tns:tx_abkey> </tns:TXRMBER></pre> |
| Source | <pre><xs:element name="TXRMBER" type="tns:TXRMBER_Type"> <xs:annotation> <xs:documentation>Element: Ruecknahme einer Multiberechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type(s)

Complex Type tns:TXEBER_Type_1_6_0

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Erfassung einer Berechtigungstransaktion. Erweiterung fuer 1.6.0: Weiteres Datenelement "BerechtigungErfassungZusatz" vom Typ hexBinary |
| Diagram |  |
| Type | extension of tns:TXEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type tns:TXEBER_Type_1_6_0 |
| Used by | Complex Type tns:TXEMBER_Type_1_6_0 |

| | |
|-----------------|--|
| | Element tns:TXEBER_1_6_0 |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:berechtigungErfassungZusatz{0,1} |
| Children | tns:berNmTransaktionMAC, tns:berechtigungErfassungZusatz, tns:fahrttransaktion, txbase |
| Source | <pre> <xs:complexType name="TXEBER_Type_1_6_0"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Berechtigungstransaktion. Erweiterung fuer 1.6.0: Weiteres Datenelement "BerechtigungErfassungZusatz" vom Typ hexBinary</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXEBER_Type"> <xs:sequence> <xs:element name="berechtigungErfassungZusatz" type="xs:hexBinary" minOccurs="0"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:TXEBER_Type

| | | | | | |
|-----------------|--|---------------|---|---------|------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | Typ: Erfassung einer Berechtigungstransaktion | | | | |
| Diagram | | | | | |
| Type | extension of tns:TX_BASE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type | | | | |
| Used by | <table> <tr> <td>Complex Types</td><td>tns:TXEBER_Type_1_6_0, tns:TXEMBER_Type</td></tr> <tr> <td>Element</td><td>tns:TXEBER</td></tr> </table> | Complex Types | tns:TXEBER_Type_1_6_0, tns:TXEMBER_Type | Element | tns:TXEBER |
| Complex Types | tns:TXEBER_Type_1_6_0, tns:TXEMBER_Type | | | | |
| Element | tns:TXEBER | | | | |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC | | | | |
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase | | | | |
| Source | <pre> <xs:complexType name="TXEBER_Type"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Berechtigungstransaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Complex Type tns:TXEMBER_Type_1_6_0

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Erfassung einer Multiberechtigung. Korrigierte Fassung fuer 1.6.0, die optional berechtigungErfassungZusatz enthaelt. |

| | |
|-----------------|---|
| Diagram | |
| Type | extension of tns:TXEMBER_Type_1_6_0 |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXEMBER_Type • tns:TXEMBER_Type_1_6_0 • tns:TXEMBER_Type_1_6_0 |
| Used by | Element tns:TXEMBER_1_6_0 |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:berechtigungErfassungZusatz{0,1} , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:berechtigungErfassungZusatz, tns:fahrttransaktion, tns:tx_abkey, txbase |
| Source | <pre> <xs:complexType name="TXEMBER_Type_1_6_0"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Multiberechtigung. Korrigierte Fassung fuer 1.6.0, die optional berechtigungErfassungZusatz enthaelt.</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXEMBER_Type_1_6_0"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:TX_ABKEY_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Ableitungsdaten fuer eine Multiberechtigung |
| Diagram | |
| Used by | Elements tns:TXAMBER_Type/tns:tx_abkey, tns:TXEMBER_Type/tns:tx_abkey, tns:TXEMBER_Type_1_6_0/tns:tx_abkey, tns:TXRMBER_Type/tns:tx_abkey |
| Model | tns:berAbleitungsdaten |
| Children | tns:berAbleitungsdaten |
| Source | <pre> <xs:complexType name="TX_ABKEY_Type"> <xs:annotation> <xs:documentation>Typ: Ableitungsdaten fuer eine Multiberechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berAbleitungsdaten" type="ct:OctetString10" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXBEKODL2_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEKODL2_Type |
| Used by | Element tns:TXBEKODL2 |
| Model | txbase , tns:berBerechtigung_ID , tns:fahrtInformation , tns:TXRETVerweisListe {0,1} , tns:fahrttransaktionListe , tns:txpp2 |
| Children | tns:TXRETVerweisListe, tns:berBerechtigung_ID, tns:fahrtInformation, tns:fahrttransaktionListe, tns:txpp2, txbase |
| Source | <pre> <xs:complexType name="TXBEKODL2_Type"> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" minOccurs="1" maxOccurs="1" /> <xs:element name="fahrtInformation" type="ion:PrintableString" /> <xs:element name="TXRETVerweisListe" type="tns:TXRETVerweisListe_Type" minOccurs="0" /> <xs:element name="fahrttransaktionListe" type="tns:FahrttransaktionListe_Type" /> <xs:element name="txpp2" type="tns:TX_PP2_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:TXRETVerweisListe_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Used by | Element tns:TXBEKODL2_Type/tns:TXRETVerweisListe |
| Model | tns:TXRETVERWEIS+ |
| Children | tns:TXRETVERWEIS |
| Source | <pre> <xs:complexType name="TXRETVerweisListe_Type"> <xs:sequence> <xs:element name="TXRETVERWEIS" type="ion:TX_RET_Type" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:FahrttransaktionListe_Type

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Diagram | |
| Used by | Element tns:TXBEKODL2_Type/tns:fahrtrtransaktionListe |
| Model | tns:fahrtrtransaktionSatz+ |
| Children | tns:fahrtrtransaktionSatz |
| Source | <pre><xs:complexType name="FahrtrtransaktionListe_Type"> <xs:sequence> <xs:element name="fahrtrtransaktionSatz" type="tns:FahrtrtransaktionSatz_Type" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:FahrtrtransaktionSatz_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Used by | Element tns:FahrtrtransaktionListe_Type/tns:fahrtrtransaktionSatz |
| Model | tns:berNmTransaktionMAC , tns:fahrtrtransaktion , tns:BerechtigungErfassungZusatz{0,1} |
| Children | tns:BerechtigungErfassungZusatz, tns:berNmTransaktionMAC, tns:fahrtrtransaktion |
| Source | <pre><xs:complexType name="FahrtrtransaktionSatz_Type"> <xs:sequence> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> <xs:element name="fahrtrtransaktion" type="ion:Transaktionsdatensatz_Type" /> <xs:element name="BerechtigungErfassungZusatz" type="xs:hexBinary" minOccurs="0" /> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:TX_PP2_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Diagram | |
| Used by | Element tns:TXBEKODL2_Type/tns:txpp2 |
| Model | tns:ppMehrwertsteuer , tns:ppLeistungsPreis2 |
| Children | tns:ppLeistungsPreis2, tns:ppMehrwertsteuer |
| Source | <pre><xs:complexType name="TX_PP2_Type"> <xs:sequence> <xs:element name="ppMehrwertsteuer" type="ct:INT2" /> <xs:element name="ppLeistungsPreis2" type="tns:Signed_INT3"> <xs:annotation> <xs:documentation>Preis in kleinster Waehrungseinheit (Cent)</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Complex Type tns:NmTransaktion_ID_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Datenstruktur Nm_Transaktion_ID |
| Diagram | |
| Used by | Element tns:AllgemeineTransaktionsdaten/tns:logNmTransaktion_ID |
| Model | tns:samSequenznummer , tns:SAM_ID.samNummer |
| Children | tns:SAM_ID.samNummer, tns:samSequenznummer |
| Source | <pre> <xs:complexType name="NmTransaktion_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Nm_Transaktion_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="samSequenznummer" type="ct:SequenceNumberFour" /> <xs:element name="SAM_ID.samNummer" type="ion:SAM_ID_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:Mitnahme_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Datenstruktur Ort_ID |
| Diagram | |
| Used by | Elements tns:TX_AFBLOG_Type/tns:afbLogMitnahme, tns:TX_EFSLOG_Type/tns:efsLogMitnahme |
| Model | tns:mitnahmeTyp , tns:mitnahmeAnzahl |
| Children | tns:mitnahmeAnzahl, tns:mitnahmeTyp |
| Source | <pre> <xs:complexType name="Mitnahme_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Ort_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="mitnahmeTyp" type="tns:Profil_CODE_Type" /> <xs:element name="mitnahmeAnzahl" type="ct:INT1" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:Linie_ID_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Die Linie_ID kennzeichnet eine Linie eindeutig im gesamten Geltungsbereich der Kernapplikation |
| Diagram | |
| Used by | Element tns:LinieVariante_ID_Type/tns:linie_ID |
| Model | tns:linienNummer , tns:linieDomaene_ID |
| Children | tns:linieDomaene_ID, tns:linienNummer |
| Source | <pre> <xs:complexType name="Linie_ID_Type"> <xs:annotation> <xs:documentation>Typ: Die Linie_ID kennzeichnet eine Linie eindeutig im gesamten Geltungsbereich der Kernapplikation</xs:documentation> </xs:annotation> <xs:sequence> </pre> |

| | |
|-----------------|---|
| | <pre> <xs:element name="linienNummer" type="ct:ReferenceNumberTwo"/> <xs:element name="linieDomaene_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:LinieVariante_ID_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im gesamten Geltungsbereich der Kernapplikation |
| Diagram | |
| Used by | Element tns:TX_BERLOG_Type/tns:berLogLinieVariante_ID |
| Model | tns:variantenNummer , tns:linie_ID |
| Children | tns:linie_ID, tns:variantenNummer |
| Source | <pre> <xs:complexType name="LinieVariante_ID_Type"> <xs:annotation> <xs:documentation>Typ: Die LinieVariante_ID kennzeichnet eine Linienvariante eindeutig im gesamten Geltungsbereich der Kernapplikation</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="variantenNummer" type="ct:ReferenceNumberOne"/> <xs:element name="linie_ID" type="tns:Linie_ID_Type"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:Fahrt_ID_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Die Fahrt_ID kennzeichnet eine Fahrt eindeutig im gesamten Geltungsbereich der Kernapplikation |
| Diagram | |
| Used by | Element tns:TX_BERLOG_Type/tns:berLogFahrt_ID |
| Model | tns:fahrtNummer , tns:fahrtBetreiber_ID |
| Children | tns:fahrtBetreiber_ID, tns:fahrtNummer |
| Source | <pre> <xs:complexType name="Fahrt_ID_Type"> <xs:annotation> <xs:documentation>Typ: Die Fahrt_ID kennzeichnet eine Fahrt eindeutig im gesamten Geltungsbereich der Kernapplikation</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="fahrtNummer" type="ct:ReferenceNumberThree"/> <xs:element name="fahrtBetreiber_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:EFSViaOrtsListe_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Liste der Orte, die bei einer Fahrt durchfahren werden |
| Diagram | |
| Used by | Element tns:TX_EFSLOG_Type/tns:efsViaorte_IDs |

| | |
|-----------------|---|
| Model | tns:efsViaort_ID{0,3} |
| Children | tns:efsViaort_ID |
| Source | <pre> <xs:complexType name="EFSViaOrtsListe_Type"> <xs:annotation> <xs:documentation>Typ:Liste der Orte, die bei einer Fahrt durchfahren werden</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="efsViaort_ID" type="ion:Ort_ID_Type" minOccurs="0" maxOccurs="3" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TX_PP_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Basisdaten fuer Preise |
| Diagram | |
| Used by | Elements tns:TXANLN_Type/tns:txpp, tns:TXAUSEFS_Type/tns:txpp, tns:TXBEKODL_Type/tns:txpp |
| Model | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Children | tns:ppLeistungsPreis, tns:ppMehrwertsteuer |
| Source | <pre> <xs:complexType name="TX_PP_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Preise</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ppLeistungsPreis" type="tns:Amount65535" /> <xs:element name="ppMehrwertsteuer" type="ct:INT2" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TX_BERLOG_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung |
| Diagram | |
| Used by | Elements tns:TX_AFBLOG_Type/tns:txberlog, tns:TX_EFSLOG_Type/tns:txberlog |
| Model | tns:berLogLinieVariante_ID, tns:berLogFahrt_ID |
| Children | tns:berLogFahrt_ID, tns:berLogLinieVariante_ID |
| Source | <pre> <xs:complexType name="TX_BERLOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berLogLinieVariante_ID" type="tns:LinieVariante_ID_Type" /> <xs:element name="berLogFahrt_ID" type="tns:Fahrt_ID_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TX_LOG_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Used by | Elements tns:TX_AFBLOG_Type/tns:txlog, tns:TX_EFSLOG_Type/tns:txlog |
| Model | tns:logTransaktionsoperator_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsort_ID, tns:logTransaktionsTyp_ID |
| Children | tns:logTransaktionsTyp_ID, tns:logTransaktionsZeitpunkt_ID, tns:logTransaktionsoperator_ID, tns:logTransaktionsort_ID |
| Source | <pre> <xs:complexType name="TX_LOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer Transaktion</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="logTransaktionsoperator_ID" type="ka:Organisation_ID" /> <xs:element name="logTransaktionsZeitpunkt_ID" type="ct:DateTimeCompact" /> <xs:element name="logTransaktionsort_ID" type="ion:Ort_ID_Type" /> <xs:element name="logTransaktionsTyp_ID" type="ion:NmTransaktionsTyp_CODE" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TX_AFBLOG_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Basisdatensatz zur Anzeige von Log-Informationen einer AFB |
| Diagram | |
| Used by | Element tns:TXANLN_Type/tns:txafblog |
| Model | tns:afbLogFahrgastTyp, tns:afbLogVerkehrsmittelart, tns:afbLogServiceKlasse, tns:afbLogDynamischerRabattParameter, tns:afbLogMitnahme+, tns:txberlog, tns:txlog |
| Children | tns:afbLogDynamischerRabattParameter, tns:afbLogFahrgastTyp, tns:afbLogMitnahme, tns:afbLogServiceKlasse, tns:afbLogVerkehrsmittelart, tns:txberlog, tns:txlog |
| Source | <pre> <xs:complexType name="TX_AFBLOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen einer AFB</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="afbLogFahrgastTyp" type="tns:Kundentyp_CODE_Type" /> <xs:element name="afbLogVerkehrsmittelart" type="tns:Transportserviceart_CODE_Type" /> <xs:element name="afbLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type" /> <xs:element name="afbLogDynamischerRabattParameter" type="ct:OctetString4" /> <!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 --> <xs:element name="afbLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded" /> <xs:element name="txberlog" type="tns:TX_BERLOG_Type" /> <xs:element name="txlog" type="tns:TX_LOG_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TX_EFSLOG_Type

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|---|
| Annotations | Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS |
| Diagram | |
| Used by | Element tns:TXAUSEFS_Type/tns:txefslog |
| Model | tns:efsFahrgastTyp, tns:efsVerkehrsmittelKategorie, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsZielort_ID, tns:efsViaOrte_IDs, tns:efsLogMitnahme+, tns:txberlog, tns:txlog |
| Children | tns:efsFahrgastTyp, tns:efsLogMitnahme, tns:efsLogServiceKlasse, tns:efsServiceKlasseExtra, tns:efsStartort_ID, tns:efsVerkehrsmittelKategorie, tns:efsViaOrte_IDs, tns:efsZielort_ID, tns:txberlog, tns:txlog |
| Source | <pre> <xs:complexType name="TX_EFSLOG_Type"> <xs:annotation> <xs:documentation>Typ:Basisdatensatz zur Anzeige von Log-Informationen eines EFS</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="efsFahrgastTyp" type="tns:Kudentyp_CODE_Type"/> <xs:element name="efsVerkehrsmittelKategorie" type="tns:TransportmittelKategorie_CODE_Type"/> <xs:element name="efsLogServiceKlasse" type="tns:ServiceKlasse_CODE_Type"/> <xs:element name="efsServiceKlasseExtra" type="tns:ServiceKlasseExtra_CODE_Type"/> <xs:element name="efsStartort_ID" type="ion:Ort_ID_Type"/> <xs:element name="efsZielort_ID" type="ion:Ort_ID_Type"/> <xs:element name="efsViaOrte_IDs" type="tns:EFSViaOrtsListe_Type"/> <!-- SST 1107 "List of: Mitnahme" 6.5 Tabelle 6-87 --> <xs:element name="efsLogMitnahme" type="tns:Mitnahme_Type" minOccurs="1" maxOccurs="unbounded"/> <xs:element name="txberlog" type="tns:TX_BERLOG_Type"/> <xs:element name="txlog" type="tns:TX_LOG_Type"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXASBER_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Anzeige Leistungsnachweise einer Berechtigung |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:TXAS_Type • tns:TXASBER_Type |
| Used by | Elements tns:TXASBERAFB, tns:TXASBEREFS |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien |
| Children | tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:transSelektionKriterien, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASBER_Type"> <xs:annotation> <xs:documentation>Typ:Anzeige Leistungsnachweise einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXANLN_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Anzeige Leistungsnachweise einer Berechtigung |
| Diagram | <pre> classDiagram class ionTX_BASE_Type["ion:TX_BASE_Type (extension base)"] class TXANLN_Type class txbase class prodAbrechnungsVerfahren class berBezahlArt class prodProdukt_ID class berBerechtigung_ID class transSelektionKriterien class txpp class txafblog ionTX_BASE_Type --> TXANLN_Type ionTX_BASE_Type --> txbase TXANLN_Type --> prodAbrechnungsVerfahren TXANLN_Type --> berBezahlArt TXANLN_Type --> prodProdukt_ID TXANLN_Type --> berBerechtigung_ID TXANLN_Type --> transSelektionKriterien TXANLN_Type --> txpp TXANLN_Type --> txafblog </pre> |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXANLN_Type |
| Used by | Element tns:TXANLN |
| Model | txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txafblog+ |
| Children | tns:berBerechtigung_ID, tns:berBezahlArt, tns:prodAbrechnungsVerfahren, tns:prodProdukt_ID, tns:transSelektionKriterien, tns:txafblog, tns:txpp, txbase |
| Source | <pre> <xs:complexType name="TXANLN_Type"> <xs:annotation> <xs:documentation>Typ:Anzeige Leistungsnachweise einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/> <xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/> <xs:element name="txpp" type="tns:TX_PP_Type"/> <xs:element name="txafblog" type="tns:TX_AFBLOG_Type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

| | |
|-----------------|---|
| | <pre> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXAUSEFS_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung |
| Diagram | <pre> classDiagram class ionTX_BASE_Type["ion:TX_BASE_Type (extension base)"] class TXAUSEFS_Type["tns:TXAUSEFS_Type"] class txbase class prodAbrechnungsVerfahren class berBezahlMittel class berBezahlArt class prodProdukt_ID class berBerechtigung_ID class transSelektionKriterien class txpp class txefslog ionTX_BASE_Type --> TXAUSEFS_Type TXAUSEFS_Type -- txbase TXAUSEFS_Type -- prodAbrechnungsVerfahren TXAUSEFS_Type -- berBezahlMittel TXAUSEFS_Type -- berBezahlArt TXAUSEFS_Type -- prodProdukt_ID TXAUSEFS_Type -- berBerechtigung_ID TXAUSEFS_Type -- transSelektionKriterien TXAUSEFS_Type -- txpp TXAUSEFS_Type -- "1..∞" txefslog </pre> |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAUSEFS_Type |
| Used by | Element tns:TXAUSEFS |
| Model | txbase , tns:prodAbrechnungsVerfahren , tns:berBezahlMittel , tns:berBezahlArt , tns:prodProdukt_ID , tns:berBerechtigung_ID , tns:transSelektionKriterien , tns:txpp , tns:txefslog+ |
| Children | tns:berBerechtigung_ID , tns:berBezahlArt , tns:berBezahlMittel , tns:prodAbrechnungsVerfahren , tns:prodProdukt_ID , tns:transSelektionKriterien , tns:txefslog , tns:txpp , txbase |
| Source | <pre> <xs:complexType name="TXAUSEFS_Type"> <xs:annotation> <xs:documentation>Typ:Stellt dem kontofuehrenden KVP alle zu einer EFS-Berechtigung bei einem PV erfassten Daten zur Anzeige fuer Servicezwecke zur Verfuegung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="prodAbrechnungsVerfahren" type="ion:Abrechnungsverfahren_CODE_Type"/> <xs:element name="berBezahlMittel" type="ct:OctetString10"/> <xs:element name="berBezahlArt" type="ion:Bezahlart_CODE_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="transSelektionKriterien" type="tns:SelektionKriterien_Type"/> <xs:element name="txpp" type="tns:TX_PP_Type"/> <xs:element name="txefslog" type="tns:TX_EFSLOG_Type" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXADM_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Antwort auf Anfrage wegen Defektem Medium |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXADM_Type |
| Used by | Element tns:TXADM |
| Model | txbase , tns:transMediennummer , tns:transappInstanz_ID |
| Children | tns:transMediennummer, tns:transappInstanz_ID, txbase |
| Source | <pre> <xs:complexType name="TXADM_Type"> <xs:annotation> <xs:documentation>Typ: Antwort auf Anfrage wegen Defektem Medium</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="transMediennummer" type="ct:OctetString10"/> <xs:element name="transappInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file://C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXABER_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Ausgabe einer Berechtigung |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXABER_Type |
| Used by | Complex Type tns:TXAMBER_Type Element tns:TXABER |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_ber, txbase |
| Source | <pre> <xs:complexType name="TXABER_Type"> <xs:annotation> <xs:documentation>Typ: Ausgabe einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="tx_ber" type="ion:TX_BER_Type"/> </pre> |

| | |
|-----------------|---|
| | <pre> <xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/> <!-- Wegen TXABER in TXANTWORT in PE-Spez ist dieses Element optional --> <xs:element name="berechtigungTarifbereichZusatz" type="xs:hexBinary" minOccurs="0"/> <xs:element name="ausgabeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXAEBER_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Aenderung einer Berechtigung |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAEBER_Type |
| Used by | Element tns:TXAEBER |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich |
| Children | tns:berechtigungTarifbereich, tns:tx_ber, txbase |
| Source | <pre> <xs:complexType name="TXAEBER_Type"> <xs:annotation> <xs:documentation>Typ: Aenderung einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="tx_ber" type="ion:TX_BER_Type"/> <xs:element name="berechtigungTarifbereich" type="xs:hexBinary"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXAENBER_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Aenderung der Nutzertarifparameter einer Berechtigung |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAENBER_Type |
| Used by | Element tns:TXAENBER |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC |

| | |
|-----------------|---|
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, txbase |
| Source | <pre> <xs:complexType name="TXAENBER_Type"> <xs:annotation> <xs:documentation>Typ: Aenderung der Nutzertarifparameter einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" /> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXRBER_Type

| | | | | | |
|-----------------|--|--------------|------------------|---------|------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | Typ: Ruecknahme einer Berechtigung | | | | |
| Diagram | | | | | |
| Type | extension of tns:TX_BASE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRBER_Type | | | | |
| Used by | <table> <tr> <td>Complex Type</td><td>tns:TXRMBER_Type</td></tr> <tr> <td>Element</td><td>tns:TXRBER</td></tr> </table> | Complex Type | tns:TXRMBER_Type | Element | tns:TXRBER |
| Complex Type | tns:TXRMBER_Type | | | | |
| Element | tns:TXRBER | | | | |
| Model | txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC | | | | |
| Children | tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, txbase | | | | |
| Source | <pre> <xs:complexType name="TXRBER_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ruecknahmeTransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Complex Type tns:TXAMBER_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Ausgabemeldung einer Multiberechtigung |

| | |
|-----------------|---|
| Diagram | |
| Type | extension of tns:TXABER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXABER_Type tns:TXAMBER_Type |
| Used by | Element tns:TXAMBER |
| Model | txbase , tns:tx_ber , tns:berechtigungTarifbereich , tns:berechtigungTarifbereichZusatz{0,1} , tns:ausgabeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:ausgabeTransaktionBerechtigung, tns:berNmTransaktionMAC, tns:berechtigungTarifbereich, tns:berechtigungTarifbereichZusatz, tns:tx_abkey, tns:tx_ber, txbase |
| Source | <pre> <xs:complexType name="TXAMBER_Type"> <xs:annotation> <xs:documentation>Typ: Ausgabemeldung einer Multiberechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXABER_Type"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXEMBER_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Erfassung einer Multiberechtigung |
| Diagram | |
| Type | extension of tns:TXEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEBER_Type tns:TXEMBER_Type |

| | |
|-----------------|--|
| Used by | Element tns:TXEMBER |
| Model | txbase , tns:fahrttransaktion , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:tx_abkey, txbase |
| Source | <pre> <xs:complexType name="TXEMBER_Type"> <xs:annotation> <xs:documentation>Typ: Erfassung einer Multiberechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXEBER_Type"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXRMBER_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Ruecknahme einer Multiberechtigung |
| Diagram | |
| Type | extension of tns:TXRBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRBER_Type tns:TXRMBER_Type |
| Used by | Element tns:TXRMBER |
| Model | txbase , tns:ruecknahmeTransaktionBerechtigung , tns:berNmTransaktionMAC , tns:tx_abkey |
| Children | tns:berNmTransaktionMAC, tns:ruecknahmeTransaktionBerechtigung, tns:tx_abkey, txbase |
| Source | <pre> <xs:complexType name="TXRMBER_Type"> <xs:annotation> <xs:documentation>Typ: Ruecknahme einer Multiberechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXRBER_Type"> <xs:sequence> <xs:element name="tx_abkey" type="tns:TX_ABKEY_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXASKON_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASKON_Type |
| Used by | Element tns:TXASKON |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitNeu |
| Children | tns:samLoadKeyZaehler, tns:samNutzungsLimitNeu, tns:samSAM_ID, tns:samSchluessel_ID, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASKON_Type"> <xs:annotation> <xs:documentation>Typ: Anforderung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/> <xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/> <xs:element name="samLoadKeyZaehler" type="ct:INT4"/> <xs:element name="samNutzungsLimitNeu" type="ct:INT4"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXUEBERKON_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXUEBERKON_Type |

| | |
|-----------------|--|
| Used by | Element tns:TXUEBERKON |
| Model | txbase , tns:samSAM_ID , tns:samSchluessel_ID , tns:samLoadKeyZaehler , tns:samNutzungsLimitGen |
| Children | tns:samLoadKeyZaehler, tns:samNutzungsLimitGen, tns:samSAM_ID, tns:samSchluessel_ID, txbase |
| Source | <pre> <xs:complexType name="TXUEBERKON_Type"> <xs:annotation> <xs:documentation>Typ: Genehmigung eines neuen Kontingentes fuer einen PV-Schluessel im SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="samSAM_ID" type="ion:SAM_ID_Type"/> <xs:element name="samSchluessel_ID" type="ion:SymSchluessel_ID_Type"/> <xs:element name="samLoadKeyZaehler" type="ct:INT4"/> <xs:element name="samNutzungsLimitGen" type="ct:INT4"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXBEKODL_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL). |
| Diagram | <pre> classDiagram class TXBEKODL_Type class ion_TX_BASE_Type["ion:TX_BASE_Type (extension base)"] class txbase class berBerechtigung_ID class txpp class fahrttransaktion class berNmTransaktionMAC TXBEKODL_Type -- > ion_TX_BASE_Type ion_TX_BASE_Type -- txbase TXBEKODL_Type -- berBerechtigung_ID TXBEKODL_Type -- txpp TXBEKODL_Type -- "1..∞" fahrttransaktion TXBEKODL_Type -- berNmTransaktionMAC </pre> |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEKODL_Type |
| Used by | Element tns:TXBEKODL |
| Model | txbase , tns:berBerechtigung_ID , tns:txpp , tns:fahrttransaktion+ , tns:berNmTransaktionMAC |
| Children | tns:berBerechtigung_ID, tns:berNmTransaktionMAC, tns:fahrttransaktion, tns:txpp, txbase |
| Source | <pre> <xs:complexType name="TXBEKODL_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz (vom PV an den KVP) fuer eine Belastung des Kundenkontos nach Berechnung des Leistungspreises beim PV (aufgrund uebermittelter Fahrttransaktionen vom DL).</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="txpp" type="tns:TX_PP_Type"/> <xs:element name="fahrttransaktion" type="ion:Transaktionsdatensatz_Type" maxOccurs="unbounded"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXBEWEBKOKVP_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Gemeinsamer Typ: Belastung POB/PEB/WEB |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXBEWEBKOKVP_Type |
| Used by | Elements tns:TXBEKOKVP, tns:TXBEWEBKVP |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Source | <pre> <xs:complexType name="TXBEWEBKOKVP_Type"> <xs:annotation> <xs:documentation>Gemeinsamer Typ: Belastung POB/PEB/WEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXGKO_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Gutschrift POB/PEB |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXGKO_Type |
| Used by | Element tns:TXGKO |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Source | <pre> <xs:complexType name="TXGKO_Type"> <xs:annotation> <xs:documentation>Typ: Gutschrift POB/PEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

| | |
|-----------------|---|
| | <pre> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXGWEB_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Gutschrift WEB |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXGWEB_Type |
| Used by | Element tns:TXGWEB |
| Model | txbase , tns:belastungstransaktionBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:belastungstransaktionBerechtigung, tns:berNmTransaktionMAC, txbase |
| Source | <pre> <xs:complexType name="TXGWEB_Type"> <xs:annotation> <xs:documentation>Typ: Gutschrift WEB</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="belastungstransaktionBerechtigung" type="ion:Transaktionsdatensatz_Type" /> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXKNAWA_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungueltigen Applikation |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXKNAWA_Type |

| | |
|-----------------|--|
| Used by | Element tns:TXKNAWA |
| Model | txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:log-ValidationCode , tns:applInstanz_ID |
| Children | tns:applInstanz_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase |
| Source | <pre> <xs:complexType name="TXKNAWA_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/> <xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/> <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXKNAWB_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode) |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXKNAWB_Type |
| Used by | Element tns:TXKNAWB |
| Model | txbase , tns:logTransaktionsOperator_ID , tns:logTerminal_ID , tns:logTransaktionsZeitpunkt , tns:logTransaktionsOrt_ID , tns:log-ValidationCode , tns:berBerechtigung_ID |
| Children | tns:berBerechtigung_ID, tns:logTerminal_ID, tns:logTransaktionsOperator_ID, tns:logTransaktionsOrt_ID, tns:logTransaktionsZeitpunkt, tns:logValidationCode, txbase |
| Source | <pre> <xs:complexType name="TXKNAWB_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz zum Nachweis der Kontrolle einer gesperrten oder ungeltigen Berechtigung oder einer gueltigen statischen Berechtigung (z.B. Barcode)</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="logTransaktionsOperator_ID" type="ct:ReferenceNumberTwo"/> <xs:element name="logTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="logTransaktionsZeitpunkt" type="ct:DateTimeCompact"/> <xs:element name="logTransaktionsOrt_ID" type="ion:Ort_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

| | |
|-----------------|---|
| | <pre> <xs:element name="logValidationCode" type="tns:Validation_CODE_Type"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXLPEB_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Laden eines PEB-Kontos |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXLPEB_Type |
| Used by | Element tns:TXLPEB |
| Model | txbase , tns:ezahlungsbelegBerechtigung , tns:berNmTransaktionMAC |
| Children | tns:berNmTransaktionMAC, tns:ezahlungsbelegBerechtigung, txbase |
| Source | <pre> <xs:complexType name="TXLPEB_Type"> <xs:annotation> <xs:documentation>Typ: Laden eines PEB-Kontos</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ezahlungsbelegBerechtigung" type="ion:Transaktionsdatensatz_Type"/> <xs:element name="berNmTransaktionMAC" type="ion:berNmTransaktionMAC_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSANFB_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperranforderung fuer eine Berechtigung |
| Diagram | |
| Type | extension of tns:TX_SANF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFB_Type |

| | | |
|-----------------|---|-------------------|
| Used by | Complex Type | tns:TXSAANFB_Type |
| | Element | tns:TXSANFB |
| Model | txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID | |
| Children | sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID , txbase | |
| Source | <pre> <xs:complexType name="TXSANFB_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SANF_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Complex Type tns:TXSANFA_Type

| | | |
|-----------------|--|-------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | |
| Annotations | Typ: Sperranforderung fuer eine Applikation | |
| Diagram | | |
| Type | extension of tns:TX_SANF_Type | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFA_Type | |
| Used by | Complex Type | tns:TXSAANFA_Type |
| | Element | tns:TXSANFA |
| Model | txbase , sperrSperrgrund , tns:applInstanz_ID | |
| Children | sperrSperrgrund , tns:applInstanz_ID , txbase | |
| Source | <pre> <xs:complexType name="TXSANFA_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer eine Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SANF_Type"> <xs:sequence> <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | |

Complex Type tns:TXSAANFA_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperraufhebungsanforderung fuer eine Applikation |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TXSANFA_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFA_Type • tns:TXSAANFA_Type |
| Used by | Element tns:TXSAANFA |
| Model | txbase , sperrSperrgrund , tns:applInstanz_ID |
| Children | sperrSperrgrund, tns:applInstanz_ID, txbase |
| Source | <pre> <xs:complexType name="TXSAANFA_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFA_Type" /> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSAANFB_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperraufhebungsanforderung fuer eine Berechtigung |
| Diagram | |
| Type | extension of tns:TXSANFB_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFB_Type • tns:TXSAANFB_Type |
| Used by | Element tns:TXSAANFB |
| Model | txbase , sperrSperrgrund , tns:berBerechtigung_ID , tns:prodProdukt_ID |
| Children | sperrSperrgrund, tns:berBerechtigung_ID, tns:prodProdukt_ID, txbase |

| | |
|-----------------|--|
| Source | <pre> <xs:complexType name="TXSAANFB_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer eine Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFB_Type"/> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSMITB_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperrmitteilung Berechtigung |
| Diagram | <pre> classDiagram class TXSMITB_Type class TX_SMIT_Type["tns:TX_SMIT_Type (extension base)"] class TX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class sperrAnforderungBezug class sperrEntscheidung class berSperrkandidat TXSMITB_Type -- > TX_SMIT_Type TXSMITB_Type -- txbase TXSMITB_Type -- sperrAnforderungBezug TXSMITB_Type -- sperrEntscheidung TXSMITB_Type -- berSperrkandidat txbase -- > TX_BASE_Type </pre> |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITB_Type |
| Used by | Element tns:TXSMITB |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSMITB_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSMITO_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperrmitteilung Organisation |
| Diagram | <pre> classDiagram class TXSMITO_Type class tns_TX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class sperrAnforderungBezug class sperrEntscheidung class orgSperrkandidat TXSMITO_Type --> tns_TX_BASE_Type TXSMITO_Type --> sperrAnforderungBezug TXSMITO_Type --> orgSperrkandidat tns_TX_BASE_Type --> txbase </pre> |

| | |
|-----------------|--|
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITO_Type |
| Used by | Element tns:TXSMITO |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSMITO_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung Organisation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSMITS_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperrmitteilung SAM |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITS_Type |
| Used by | Element tns:TXSMITS |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSMITS_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSFREIMITB_Type

| | |
|-----------|---------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
|-----------|---------------------------|

| | |
|-----------------|--|
| Annotations | Typ: Sperrfreigabemitteilung Berechtigung |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMTB_Type |
| Used by | Element tns:TXSFREIMTB |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:berSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:berSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSFREIMTB_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="berSperrkandidat" type="ion:Berechtigung_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSFREIMITO_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperrfreigabemitteilung Organisation |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITO_Type |
| Used by | Element tns:TXSFREIMITO |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:orgSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:orgSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSFREIMITO_Type"> <xs:annotation> </pre> |

| | |
|-----------------|---|
| | <pre> <xs:documentation>Typ: Sperrfreigabemitteilung Organisation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXSFREIMITS_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Sperrfreigabemitteilung SAM |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITS_Type |
| Used by | Element tns:TXSFREIMITS |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , tns:samSperrkandidat |
| Children | sperrAnforderungBezug, sperrEntscheidung, tns:samSperrkandidat, txbase |
| Source | <pre> <xs:complexType name="TXSFREIMITS_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung SAM</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SMIT_Type"> <xs:sequence> <xs:element name="samSperrkandidat" type="ion:SAM_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Complex Type tns:TXTRANSABBRUCH_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion |

| | |
|-----------------|---|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXTRANSABBRUCH_Type |
| Used by | Element tns:TXTRANSABBRUCH |
| Model | txbase , tns:AllgemeineTransaktionsdaten , tns:MKAH-PV-NM-MAC_ID{0,1} , tns:MKAH-PV-Nutzungszaehler{0,1} , tns:MKKVP--NM-MAC_ID{0,1} , tns:MKKVP-Nutzungszaehler{0,1} |
| Children | tns:AllgemeineTransaktionsdaten, tns:MKAH-PV-NM-MAC_ID, tns:MKAH-PV-Nutzungszaehler, tns:MKKVP--NM-MAC_ID, tns:MKKVP-Nutzungszaehler, txbase |
| Source | <pre> <xs:complexType name="TXTRANSABBRUCH_Type"> <xs:annotation> <xs:documentation>Typ: Daten fuer unvollstaendig ausgefuehrte NM-Transaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element ref="tns:AllgemeineTransaktionsdaten"/> <xs:element name="MKAH-PV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="MKAH-PV-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/> <xs:element name="MKKVP--NM-MAC_ID" type="ion:SymSchluessel_ID_Type" minOccurs="0" maxOccurs="1"/> <xs:element name="MKKVP-Nutzungszaehler" type="ct:ReferenceNumberFour" minOccurs="0" maxOccurs="1"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type(s)

Simple Type tns:Signed_INT3

| | | | | | |
|--------------|---|--------------|---------|--------------|----------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | Vorzeichenbehafteter Grundtyp fuer INT3 (3 Byte) mit Wertebereich von -8388608 bis +8388607. | | | | |
| Diagram | | | | | |
| Type | restriction of xs:int | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>8388607</td></tr> <tr> <td>minInclusive</td><td>-8388608</td></tr> </table> | maxInclusive | 8388607 | minInclusive | -8388608 |
| maxInclusive | 8388607 | | | | |
| minInclusive | -8388608 | | | | |
| Used by | Element tns:TX_PP2_Type/tns:ppLeistungsPreis2 | | | | |
| Source | <pre> <xs:simpleType name="Signed_INT3"> <xs:annotation> <xs:documentation>Vorzeichenbehafteter Grundtyp fuer INT3 (3 Byte) mit Wertebereich von -8388608 bis +8388607.</xs:documentation> </xs:annotation> <xs:restriction base="xs:int"> <xs:maxInclusive value="8388607"/> <xs:minInclusive value="-8388608"/> </xs:restriction> </xs:simpleType> </pre> | | | | |

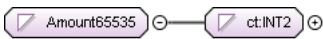
| | |
|-----------------|---|
| | </xs:simpleType> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/ext/1.6.0/XML-Schema_KVP_DL_PV_ext-1.6.0.xsd |

Simple Type tns:Validation_CODE_Type

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--|--|--------------|-----|--|--------------|---|--|-------------|---|--------------|-------------|---|-------------------------|-------------|---|--------------------|-------------|---|---------------------|-------------|---|--|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|--|-------------|----|----------------------------------|-------------|----|--|-------------|----|-----------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | BOM 6-62 Der Validation_CODE klassifiziert den Grund der Erstellung eines Kontrollnachweises ohne Transaktionsausfuehrung mit dem Nutzermedium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Validation_CODE_Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>Keine Angabe</td></tr><tr><td>enumeration</td><td>1</td><td>Daten nicht authentisch</td></tr><tr><td>enumeration</td><td>2</td><td>Zeitlich ungueltig</td></tr><tr><td>enumeration</td><td>3</td><td>Raeumlich ungueltig</td></tr><tr><td>enumeration</td><td>4</td><td>Persoenlich ungueltig (fuer personengebundene Objekte)</td></tr><tr><td>enumeration</td><td>5</td><td>gesperrter SAM (nur Statische Berechtigung)</td></tr><tr><td>enumeration</td><td>6</td><td>gespernte ORG (nur Statische Berechtigung)</td></tr><tr><td>enumeration</td><td>7</td><td>sym. Schluessel gesperrt oder nicht vorhanden</td></tr><tr><td>enumeration</td><td>8</td><td>asym. Schuessel gesperrt oder nicht vorhanden</td></tr><tr><td>enumeration</td><td>9</td><td>Status im App. Verzeichnis nicht gesetzt</td></tr><tr><td>enumeration</td><td>10</td><td>Ausgabetransaktionskennung fehlt</td></tr><tr><td>enumeration</td><td>11</td><td>Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel</td></tr><tr><td>enumeration</td><td>19</td><td>gesperrt (EN 1545-1 blocked (19))</td></tr></table> | | | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Keine Angabe | enumeration | 1 | Daten nicht authentisch | enumeration | 2 | Zeitlich ungueltig | enumeration | 3 | Raeumlich ungueltig | enumeration | 4 | Persoenlich ungueltig (fuer personengebundene Objekte) | enumeration | 5 | gesperrter SAM (nur Statische Berechtigung) | enumeration | 6 | gespernte ORG (nur Statische Berechtigung) | enumeration | 7 | sym. Schluessel gesperrt oder nicht vorhanden | enumeration | 8 | asym. Schuessel gesperrt oder nicht vorhanden | enumeration | 9 | Status im App. Verzeichnis nicht gesetzt | enumeration | 10 | Ausgabetransaktionskennung fehlt | enumeration | 11 | Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel | enumeration | 19 | gesperrt (EN 1545-1 blocked (19)) |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Keine Angabe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | Daten nicht authentisch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Zeitlich ungueltig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | Raeumlich ungueltig | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | Persoenlich ungueltig (fuer personengebundene Objekte) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | gesperrter SAM (nur Statische Berechtigung) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | gespernte ORG (nur Statische Berechtigung) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | sym. Schluessel gesperrt oder nicht vorhanden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | asym. Schuessel gesperrt oder nicht vorhanden | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | Status im App. Verzeichnis nicht gesetzt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Ausgabetransaktionskennung fehlt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 19 | gesperrt (EN 1545-1 blocked (19)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Used by | Elements | tns:TXKNAWA_Type/tns:logValidationCode, tns:TXKNAWB_Type/tns:logValidationCode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="Validation_CODE_Type"> <xs:annotation> <xs:documentation>BOM 6-62 Der Validation_CODE klassifiziert den Grund der Erstellung eines Kontrollnachweises ohne Transaktionsausfuehrung mit dem Nutzermedium</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Keine Angabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Daten nicht authentisch</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Zeitlich ungueltig</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Raeumlich ungueltig</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Persoenlich ungueltig (fuer personengebundene Objekte)</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|----------------------|---|
| | <pre> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>gesperrter SAM (nur Statische Berechtigung)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>gesperrte ORG (nur Statische Berechtigung)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>sym. Schluessel gesperrt oder nicht vorhanden</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>asym. Schuessel gesperrt oder nicht vorhanden</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Status im App. Verzeichnis nicht gesetzt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Ausgabetransaktionskennung fehlt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Transportmittelkategorie abweichend vom aktuellen Verkehrsmittel</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>gesperrt (EN 1545-1 blocked (19))</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type **tns:Amount65535**

| | | | | | |
|----------------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Diagram |  | | | | |
| Type | tns:INT2 | | | | |
| Type hierar- chy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:Amount65535 | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:TX_PP_Type/tns:ppLeistungsPreis | | | | |
| Source | <pre> <xs:simpleType name="Amount65535"> <xs:restriction base="ct:INT2"/> </xs:simpleType> </pre> | | | | |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Simple Type **tns:Profil_CODE_Type**

| | |
|-------------|--|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des OePV BOM 6_45 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------------------------------|-----------------------------------|--|--------------|---|--|-------------|---|-------------------------------|-------------|---|-------------|-------------|---|------|-------------|---|---------|-------------|---|-------------|-------------|---|----------------|-------------|---|-------------------|-------------|---|------------------------------------|-------------|---|----------|-------------|----|----------------------|-------------|----|----------|-------------|----|-------|-------------|----|--------|
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Profil_CODE_Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>nicht spezifiziert/unbestimmt</td></tr><tr><td>enumeration</td><td>1</td><td>Erwachsener</td></tr><tr><td>enumeration</td><td>2</td><td>Kind</td></tr><tr><td>enumeration</td><td>3</td><td>Student</td></tr><tr><td>enumeration</td><td>5</td><td>Behinderter</td></tr><tr><td>enumeration</td><td>6</td><td>Sehbehinderter</td></tr><tr><td>enumeration</td><td>7</td><td>Hoergeschaedigter</td></tr><tr><td>enumeration</td><td>8</td><td>Arbeitsloser/Sozialhilfeempfaenger</td></tr><tr><td>enumeration</td><td>9</td><td>Personal</td></tr><tr><td>enumeration</td><td>10</td><td>Militaeranhehoeriger</td></tr><tr><td>enumeration</td><td>19</td><td>Schueler</td></tr><tr><td>enumeration</td><td>20</td><td>Azubi</td></tr><tr><td>enumeration</td><td>25</td><td>Senior</td></tr></table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | nicht spezifiziert/unbestimmt | enumeration | 1 | Erwachsener | enumeration | 2 | Kind | enumeration | 3 | Student | enumeration | 5 | Behinderter | enumeration | 6 | Sehbehinderter | enumeration | 7 | Hoergeschaedigter | enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger | enumeration | 9 | Personal | enumeration | 10 | Militaeranhehoeriger | enumeration | 19 | Schueler | enumeration | 20 | Azubi | enumeration | 25 | Senior |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | nicht spezifiziert/unbestimmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | Erwachsener | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Kind | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | Student | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | Behinderter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | Sehbehinderter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | Hoergeschaedigter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | Personal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Militaeranhehoeriger | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 19 | Schueler | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | Azubi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 25 | Senior | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Used by | <table><tr><td>Element</td><td>tns:Mitnahme_Type/tns:mitnahmeTyp</td></tr></table> | Element | tns:Mitnahme_Type/tns:mitnahmeTyp | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element | tns:Mitnahme_Type/tns:mitnahmeTyp | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="Profil_CODE_Type"> <xs:annotation> <xs:documentation>Typ: klassifiziert Kunden, Objekte, etc. bzgl. tarifrelevanter Gruppen des OePV BOM 6_45</xs:documentation> </xs:annotation> <!-- TODO: Fehler in BOM: Personal 7 Rechtschreibung + doppelt ?? Im anderen ist es richtig, Personal = 9, habe ich so uebernommen --> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Erwachsener</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Kind</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Student</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Behinderter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Sehbehinderter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Hoergeschaedigter</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------|--|
| | <pre> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Arbeitsloser/Sozialhilfeempfaenger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Personal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Militaeranhoeheriger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Schueler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Azubi</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Senior</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type **tns:SelektionKriterien_Type**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Typ: Selektionskriterion in XML Datumform. BOM 1107 Tabelle 6-18, heisst dort 'XML' |
| Diagram | <pre> classDiagram class SelektionKriterien_Type class ct_DateTime SelektionKriterien_Type -- > ct_DateTime </pre> |
| Type | tns:DateTime |
| Type hierarchy | <ul style="list-style-type: none"> xs:dateTime tns:DateTime tns:SelektionKriterien_Type |
| Used by | Elements tns:TXANLN_Type/tns:transSelektionKriterien, tns:TXASBER_Type/tns:transSelektionKriterien, tns:TXAUSEFS_Type/tns:transSelektionKriterien |
| Source | <pre> <xs:simpleType name="SelektionKriterien_Type"> <xs:annotation> <xs:documentation>Typ: Selektionskriterion in XML Datumform. BOM 1107 Tabelle 6-18, heisst dort 'XML'</xs:documentation> </xs:annotation> <xs:restriction base="ct:DateTime"/> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type **tns:Kudentyp_CODE_Type**

| | |
|-------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 |
| Annotations | Der Kudentyp_CODE klassifiziert Kunden bzgl. typischer tarifierrelevanter Kundengruppen des OePV. BOM 6-38 |
| Diagram | <pre> classDiagram class Kudentyp_CODE_Type class ct_INT1 Kudentyp_CODE_Type -- > ct_INT1 </pre> |
| Type | restriction of tns:INT1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|------------------------------------|-----|--|--------------|---|--|-------------|---|-------------------------------|-------------|---|-------------|-------------|---|------|-------------|---|---------|-------------|---|-------------|-------------|---|----------------|-------------|---|-------------------|-------------|---|------------------------------------|-------------|---|----------|-------------|----|----------------------|-------------|----|----------|-------------|----|-------|-------------|----|--------|
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInttns:INT1tns:Kudentyp_CODE_Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>nicht spezifiziert/unbestimmt</td></tr><tr><td>enumeration</td><td>1</td><td>Erwachsener</td></tr><tr><td>enumeration</td><td>2</td><td>Kind</td></tr><tr><td>enumeration</td><td>3</td><td>Student</td></tr><tr><td>enumeration</td><td>5</td><td>Behinderter</td></tr><tr><td>enumeration</td><td>6</td><td>Sehbehinderter</td></tr><tr><td>enumeration</td><td>7</td><td>Hoergeschaedigter</td></tr><tr><td>enumeration</td><td>8</td><td>Arbeitsloser/Sozialhilfeempfaenger</td></tr><tr><td>enumeration</td><td>9</td><td>Personal</td></tr><tr><td>enumeration</td><td>10</td><td>Militaeranhehoeriger</td></tr><tr><td>enumeration</td><td>19</td><td>Schueler</td></tr><tr><td>enumeration</td><td>20</td><td>Azubi</td></tr><tr><td>enumeration</td><td>25</td><td>Senior</td></tr></table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | nicht spezifiziert/unbestimmt | enumeration | 1 | Erwachsener | enumeration | 2 | Kind | enumeration | 3 | Student | enumeration | 5 | Behinderter | enumeration | 6 | Sehbehinderter | enumeration | 7 | Hoergeschaedigter | enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger | enumeration | 9 | Personal | enumeration | 10 | Militaeranhehoeriger | enumeration | 19 | Schueler | enumeration | 20 | Azubi | enumeration | 25 | Senior |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | nicht spezifiziert/unbestimmt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | Erwachsener | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Kind | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | Student | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | Behinderter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 6 | Sehbehinderter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 7 | Hoergeschaedigter | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | Arbeitsloser/Sozialhilfeempfaenger | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | Personal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Militaeranhehoeriger | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 19 | Schueler | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 20 | Azubi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 25 | Senior | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Used by | Elements tns:TX_AFBLOG_Type/tns:afbLogFahrgastTyp, tns:TX_EFSLOG_Type/tns:efsFahrgastTyp | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="Kudentyp_CODE_Type"> <xs:annotation> <xs:documentation>Der Kudentyp_CODE klassifiziert Kunden bzgl. typischer tarifrelevanter Kundengruppen des OePV. BOM 6-38</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Erwachsener</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Kind</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Student</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Behinderter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Sehbehinderter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Hoergeschaedigter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Arbeitsloser/Sozialhilfeempfaenger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Personal</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------|---|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Militaeranhehoeriger</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>Schueler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Azubi</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Senior</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type tns:ServiceKlasse_CODE_Type

| | | | | | | | | | | | | | | | | |
|----------------|--|-------------------------------|-----|--|--------------|---|--|-------------|---|-------------------------------|-------------|---|-----------|-------------|---|-----------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | | | | | | | | | | | | |
| Annotations | Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der Transportdienstleistung. Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse. BOM 6-49 | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:ServiceKlasse_CODE_Type | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>nicht spezifiziert/unbestimmt</td></tr><tr><td>enumeration</td><td>1</td><td>1. Klasse</td></tr><tr><td>enumeration</td><td>2</td><td>2. Klasse</td></tr></table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | nicht spezifiziert/unbestimmt | enumeration | 1 | 1. Klasse | enumeration | 2 | 2. Klasse |
| maxInclusive | 255 | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | |
| enumeration | 0 | nicht spezifiziert/unbestimmt | | | | | | | | | | | | | | |
| enumeration | 1 | 1. Klasse | | | | | | | | | | | | | | |
| enumeration | 2 | 2. Klasse | | | | | | | | | | | | | | |
| Used by | Elements tns:TX_AFBLOG_Type/tns:afbLogServiceKlasse, tns:TX_EFSLOG_Type/tns:efsLogServiceKlasse | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="ServiceKlasse_CODE_Type"> <xs:annotation> <xs:documentation>Der ServiceKlasse_CODE klassifiziert Servicequalitaeten der Transportdienstleistung. Haeufigstes Beispiel ist die Unterscheidung in 1. und 2. Klasse. BOM 6-49</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>1. Klasse</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>2. Klasse</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | |

| | |
|-----------------|---|
| | <code></xs:simpleType></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type `tns:ServiceKlasseExtra_CODE_Type`

| | | | |
|-----------------|--|--|-------------------------------|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | |
| Annotations | Der ServiceKlasseExtra_CODE klassifiziert zusaetzliche Services/Servicequalitaeten im Zusammenhang mit der Transportdienstleistung. BOM 6-50 | | |
| Diagram | | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:ServiceKlasseExtra_CODE_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | nicht spezifiziert/unbestimmt |
| | enumeration | 1 | Fruehstueck |
| | enumeration | 2 | Mittagessen |
| | enumeration | 3 | Abendessen |
| | enumeration | 4 | Buffet |
| | enumeration | 5 | Imbiss |
| Used by | Element | tns:TX_EFSLOG_Type/tns:efsServiceKlasseExtra | |
| Source | <pre><xs:simpleType name="ServiceKlasseExtra_CODE_Type"> <xs:annotation> <xs:documentation>Der ServiceKlasseExtra_CODE klassifiziert zusaetzliche Services/ Servicequalitaeten im Zusammenhang mit der Transportdienstleistung. BOM 6-50</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>nicht spezifiziert/unbestimmt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Fruehstueck</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Mittagessen</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Abendessen</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Buffet</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Imbiss</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | |

Simple Type `tns:TransportTypeCode_Type`

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | <p>Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw. Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" bei der Deutschen Bahn. Diese Kategorien sind "marketinggetrieben" mit Auswirkungen auf den Preis und daher produktspezifisch. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TransportTypeEnum_Type im entsprechenden Schema (XML-Schema_KVP_DL_PV_Enums_ext-1.x.x.xsd) umgesetzt werden. Enumeration: Classifies types of transport services concerning quality. EN 1545: TransportTypeCode. See also Spec BOM table 6-86 and TransportTypeEnum_Type.</p> | | | | |
| Diagram | <pre> graph LR A[TransportTypeCode_Type] --- B[ct:INT1] style A fill:#f9f,stroke:#333,stroke-width:1px style B fill:#f9f,stroke:#333,stroke-width:1px </pre> | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:TransportTypeCode_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Simple Types tns:TransportmittelKategorie_CODE_Type, tns:Transportserviceart_CODE_Type | | | | |
| Source | <pre> <xs:simpleType name="TransportTypeCode_Type"> <xs:annotation> <xs:documentation>Der TransportTypeCode_Type oder TransportmittelKategorie_CODE bzw. Transportserviceart_CODE_Type (Spez BOM) klassifiziert Arten von Transportdienstleistungen im Sinne einer Qualitaetsklasse, z.B. "IC/EC", "ICE" bei der Deutschen Bahn. Diese Kategorien sind "marketinggetrieben" mit Auswirkungen auf den Preis und daher produktspezifisch. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TransportTypeEnum_Type im entsprechenden Schema (XML-Schema_KVP_DL_PV_Enums_ext-1.x.x.xsd) umgesetzt werden. Enumeration: Classifies types of transport services concerning quality. EN 1545: TransportTypeCode. See also Spec BOM table 6-86 and TransportTypeEnum_Type.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Simple Type `tns:TransportmittelKategorie_CODE_Type`

| | | | | | |
|----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst. | | | | |
| Diagram | <pre> graph LR A[TransportmittelKategorie_CODE_Type] --- B[tns:TransportTypeCode_Type] style A fill:#f9f,stroke:#333,stroke-width:1px style B fill:#f9f,stroke:#333,stroke-width:1px </pre> | | | | |
| Type | tns:TransportTypeCode_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:TransportTypeCode_Type <ul style="list-style-type: none"> tns:TransportmittelKategorie_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:TX_EFSLOG_Type/tns:efsVerkehrsmittelKategorie | | | | |
| Source | <pre> <xs:simpleType name="TransportmittelKategorie_CODE_Type"> <xs:annotation> </pre> | | | | |

| | |
|-----------------|--|
| | <pre> <xs:documentation>Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.</xs:documentation> </xs:annotation> <xs:restriction base="tns:TransportTypeCode_Type" /> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd |

Simple Type tns:Transportserviceart_CODE_Type

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/kvp-dl-pv/2 | | | | |
| Annotations | Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst. | | | | |
| Diagram | <pre> graph LR A[Transportserviceart_CODE_Type] -- restriction --> B[tns:TransportTypeCode_Type] </pre> | | | | |
| Type | tns:TransportTypeCode_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:TransportTypeCode_Type <ul style="list-style-type: none"> tns:Transportserviceart_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:TX_AFBLOG_Type/tns:afbLogVerkehrsmittelart | | | | |
| Source | <pre> <xs:simpleType name="Transportserviceart_CODE_Type"> <xs:annotation> <xs:documentation>Typ, der die Kompatibilitaet zur BOM Spez. herstellt. Siehe TransportTypeCode_Type. Entfaellt demnaechst.</xs:documentation> </xs:annotation> <xs:restriction base="tns:TransportTypeCode_Type" /> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kvp-dl-pv/2/XML-Schema_KVP_DL_PV.xsd | | | | |

Namespace: "http://vdv/ka/ion/2"

Schema(s)

Imported schema XML-Schema_ION.xsd

| | | | | | | | |
|-------------------------|---|-------------------------|-------------|-----------------------|-------------|----------|--------|
| Namespace | http://vdv/ka/ion/2 | | | | | | |
| Properties | <table> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>unqualified</td></tr> <tr> <td>version:</td><td>1.10.0</td></tr> </table> | attribute form default: | unqualified | element form default: | unqualified | version: | 1.10.0 |
| attribute form default: | unqualified | | | | | | |
| element form default: | unqualified | | | | | | |
| version: | 1.10.0 | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element(s)

Element tns:TXB

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXB_Type |
| Properties | content: complex |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXB xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> </tns:TXB></pre> |
| Source | <pre><xs:element name="TXB" type="tns:TXB_Type"> <xs:annotation> <xs:documentation>Element: Bestaetigung einer ION-Transaktion</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXA

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Ablehnung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXA_Type |
| Properties | content: complex |

| | |
|-----------------|--|
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund |
| Children | transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <transAblehnungGrund>{1,1}</transAblehnungGrund> </tns:TXA></pre> |
| Source | <pre><xs:element name="TXA" type="tns:TXA_Type"> <xs:annotation> <xs:documentation>Element: Ablehnung einer ION-Transaktion</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXBRequest

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Mitteilung eines Verarbeitungsstatus (OK) |
| Diagram | |
| Type | tns:TXB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXB_Type |
| Properties | content: complex |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXBRequest xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> </tns:TXBRequest></pre> |
| Source | <pre><xs:element name="TXBRequest" type="tns:TXB_Type"> <xs:annotation> <xs:documentation>Element: Mitteilung eines Verarbeitungsstatus (OK)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXARequest

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Mitteilung eines Verarbeitungsstatus (Fehlerhaft im Drittsystem) |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXA_Type |
| Properties | content: complex |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund |
| Children | transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXARequest xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <transAblehnungGrund>{1,1}</transAblehnungGrund> </tns:TXARequest></pre> |
| Source | <pre><xs:element name="TXARequest" type="tns:TXA_Type"> <xs:annotation> <xs:documentation>Element: Mitteilung eines Verarbeitungstatus (Fehlerhaft im Drittsystem)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXDEABER

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen" |
| Diagram | |
| Type | tns:TXDEABER_Req_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXDEABER_Req_Type |
| Properties | content: complex |
| Model | txbase , prodAkzeptanzEnde , prodProdukt_ID |
| Children | prodAkzeptanzEnde, prodProdukt_ID, txbase |
| Instance | <pre><tns:TXDEABER xmlns:tns="http://vdv/ka/ion/2"></pre> |

| | |
|-----------------|---|
| | <pre> <txbase>{1,1}</txbase> <prodAkzeptanzEnde>{1,1}</prodAkzeptanzEnde> <prodProdukt_ID>{1,1}</prodProdukt_ID> </tns:TXDEABER> </pre> |
| Source | <pre> <xs:element name="TXDEABER" type="tns:TXDEABER_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage: "Loeschen einer Produkt-Akzeptanz von allen akzeptierenden Organisationen"</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITA

| | | | | | |
|-----------------|---|----------|---------|-----------|-------|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Element: Sperrmitteilung Applikation | | | | |
| Diagram | | | | | |
| Type | tns:TXSMITA_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITA_Type | | | | |
| Properties | <table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>nillable:</td><td>false</td></tr> </table> | content: | complex | nillable: | false |
| content: | complex | | | | |
| nillable: | false | | | | |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat | | | | |
| Children | appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase | | | | |
| Instance | <pre> <tns:TXSMITA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <appSperrkandidat>{1,1}</appSperrkandidat> </tns:TXSMITA> </pre> | | | | |
| Source | <pre> <xs:element name="TXSMITA" type="tns:TXSMITA_Type" nillable="false"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung Applikation</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSFREIMITA

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperrfreigabemitteilung Applikation |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSFREIMITA_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSMITA_Type • tns:TXSFREIMITA_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat |
| Children | appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <appSperrkandidat>{1,1}</appSperrkandidat> </tns:TXSFREIMITA></pre> |
| Source | <pre><xs:element name="TXSFREIMITA" type="tns:TXSFREIMITA_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung Applikation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSANFSYMK

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperranforderung fuer einen symmetrischen Schluessel |
| Diagram | |
| Type | tns:TXSANFSYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type |

| | |
|-----------------|--|
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSANFSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSANFSYMK></pre> |
| Source | <pre><xs:element name="TXSANFSYMK" type="tns:TXSANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen symmetrischen Schluessel</ </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSANFASYMK

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperranforderung fuer einen asymmetrischen Schluessel |
| Diagram | <pre> classDiagram class tnsTXSANFASYMK_Type { txbase sperrSperrgrund keySperrkandidatsym } class tnsTX_SANF_Type { <<extension base>> } class tnsTX_BASE_Type { <<extension base>> } tnsTX_SANF_Type -- > tnsTXSANFASYMK_Type tnsTX_BASE_Type -- > tnsTX_SANF_Type </pre> |
| Type | tns:TXSANFASYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSANFASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSANFASYMK></pre> |
| Source | <pre><xs:element name="TXSANFASYMK" type="tns:TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen asymmetrischen Schluessel</ </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSAANFSYMK

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXSAANFSYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSAANFSYMK_Type tns:TXSAANFSYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSAANFSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSAANFSYMK></pre> |
| Source | <pre><xs:element name="TXSAANFSYMK" type="tns:TXSAANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSAANFASYMK

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel |
| Diagram | |
| Type | tns:TXSAANFASYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSAANFASYMK_Type |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:TXSAANFASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidatasy |
| Children | keySperrkandidatasy, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSAANFASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatasy>{1,1}</keySperrkandidatasy> </tns:TXSAANFASYMK></pre> |
| Source | <pre><xs:element name="TXSAANFASYMK" type="tns:TXSAANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSFREIMITSYMK

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperrfreigabemitteilung symmetrischer Key |
| Diagram | |
| Type | tns:TXSFREIMITSYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SMIT_Type • tns:TXSFREIMITSYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSFREIMITSYMK></pre> |
| Source | <pre><xs:element name="TXSFREIMITSYMK" type="tns:TXSFREIMITSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung symmetrischer Key</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSFREIMITASYMK

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperrfreigabemitteilung asymmetrischer Key |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSFREIMITASYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSFREIMITASYMK></pre> |
| Source | <pre><xs:element name="TXSFREIMITASYMK" type="tns:TXSFREIMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung asymmetrischer Key</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITSYMK

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperrmitteilung symmetrischer Schluesel |
| Diagram | |
| Type | tns:TXSMITSYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITSYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |

| | |
|-----------------|---|
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSMITSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSMITSYMK></pre> |
| Source | <pre><xs:element name="TXSMITSYMK" type="tns:TXSMITSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung symmetrischer Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITASYMK

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Sperrmitteilung asymmetrischer Schluessel |
| Diagram | |
| Type | tns:TXSMITASYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSMITASYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSMITASYMK></pre> |
| Source | <pre><xs:element name="TXSMITASYMK" type="tns:TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung asymmetrischer Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSNAWA

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Dienstanfrage "Sperrnachweis Applikation" |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSNAWA_Req_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSNAWA_Req_Type |
| Properties | content: complex |
| Model | txbase , (samSperrkandidat orgSperrkandidat) , zyklusNummer , sperrrtransaktionApplikation , appNmTransaktionMAC |
| Children | appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrrtransaktionApplikation, txbase, zyklusNummer |
| Instance | <pre><tns:TXSNAWA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <samSperrkandidat>{1,1}</samSperrkandidat> <orgSperrkandidat>{1,1}</orgSperrkandidat> <zyklusNummer>{1,1}</zyklusNummer> <sperrrtransaktionApplikation>{1,1}</sperrrtransaktionApplikation> <appNmTransaktionMAC>{1,1}</appNmTransaktionMAC> </tns:TXSNAWA></pre> |
| Source | <pre><xs:element name="TXSNAWA" type="tns:TXSNAWA_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage "Sperrnachweis Applikation"</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSNAWB

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Element: Dienstanfrage "Sperrnachweis Berechtigung" |
| Diagram | |
| Type | tns:TXSNAWB_Req_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSNAWB_Req_Type |
| Properties | content: complex |
| Model | txbase , (samSperrkandidat orgSperrkandidat) , zyklusNummer , sperrrtransaktionBerechtigung , berNmTransaktionMAC |

| | |
|-----------------|---|
| Children | berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionBerechtigung, txbase, zyklusNummer |
| Instance | <pre><tns:TXSNAWB xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <samSperrkandidat>{1,1}</samSperrkandidat> <orgSperrkandidat>{1,1}</orgSperrkandidat> <zyklusNummer>{1,1}</zyklusNummer> <sperrtransaktionBerechtigung>{1,1}</sperrtransaktionBerechtigung> <berNmTransaktionMAC>{1,1}</berNmTransaktionMAC> </tns:TXSNAWB></pre> |
| Source | <pre><xs:element name="TXSNAWB" type="tns:TXSNAWB_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage "Sperrnachweis Berechtigung"</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type(s)

Complex Type tns:TX_BASE_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Basisdaten fuer alle Transaktionen |
| Diagram | <pre> classDiagram class TX_BASE_Type class txbase TX_BASE_Type -- txbase </pre> |
| Used by | <p>Complex Types</p> <p>tns:TXABER_Type, tns:TXADM_Type, tns:TXAEBER_Type, tns:TXAENBER_Type, tns:TXANLN_Type, tns:TXAS_Type, tns:TXAUSEFS_Type, tns:TXBEKODL2_Type, tns:TXBEKODL_Type, tns:TXBEWEBKOKVP_Type, tns:TXDEABER_Req_Type, tns:TXEBER_Type, tns:TXGKO_Type, tns:TXGWEB_Type, tns:TXKNAWA_Type, tns:TXKNAWB_Type, tns:TXLPEB_Type, tns:TXRBER_Type, tns:TXSNAWA_Req_Type, tns:TXSNAWB_Req_Type, tns:TXTRANSABBRUCH_Type, tns:TXUEBERKON_Type, tns:TX_RET_Type, tns:TX_SANF_Type, tns:TX_SMIT_Type</p> |
| Model | txbase |
| Children | txbase |
| Source | <pre><xs:complexType name="TX_BASE_Type"> <xs:annotation> <xs:documentation>Basisdaten fuer alle Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="txbase" type="tns:ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Fachliche Daten ueber die in der Transaktion involvierten Systeme</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

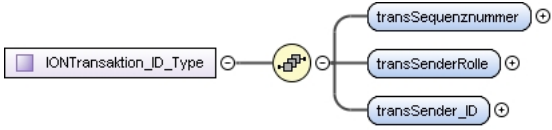
Complex Type tns:ION_TX_HEADER_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen |

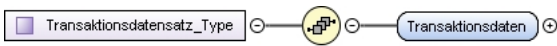
| | |
|-----------------|--|
| Diagram | |
| Used by | Element tns:TX_BASE_Type/txbase |
| Model | transAuftrag{0,1} , transEmpfaenger_ID , transEmpfaengerRolle , transStatus{0,1} , transTransaktion_ID , transTransaktionsTyp{0,1} , transTransaktionsZeitpunkt , transVersion{0,1} , transWiederholungsZaehler{0,1} , transSignaturTyp{0,1} , transSignaturZertifikat{0,1} , transSignatur{0,1} |
| Children | transAuftrag, transEmpfaengerRolle, transEmpfaenger_ID, transSignatur, transSignaturTyp, transSignaturZertifikat, transStatus, transTransaktion_ID, transTransaktionsTyp, transTransaktionsZeitpunkt, transVersion, transWiederholungsZaehler |
| Source | <pre> <xs:complexType name="ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/> <xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"> <xs:annotation> <xs:documentation>Eindeutige OrganisationsId des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/> <xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstauftrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/> <xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="378" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:IONTransaktion_ID_Type

| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/ion/2 |
|-----------|---------------------|

| | |
|-----------------|---|
| Annotations | Typ: ID fuer Transaktionen, die ueber das ION (Interoperables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt. |
| Diagram |  |
| Used by | Elements tns:ION_TX_HEADER_Type/transTransaktion_ID, tns:TX_RET_Type/transOrigID, tns:TX_SMIT_Type/sperrAnforderungBezug |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Source | <pre><xs:complexType name="IONTransaktion_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID fuer Transaktionen, die ueber das ION (Interoperables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/> <xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle"/> <xs:element name="transSender_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:Transaktionsdatensatz_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Transaktionsdatensatz |
| Diagram |  |
| Used by | Elements tns:FahrttransaktionSatz_Type/tns:fahrttransaktion, tns:TXABER_Type/tns:ausgabeTransaktion-Berechtigung, tns:TXAENBER_Type/tns:fahrttransaktion, tns:TXBEKODL_Type/tns:fahrttransaktion, tns:TXBEWEBKOKVP_Type/tns:belastungstransaktionBerechtigung, tns:TXEBER_Type/tns:fahrttransaktion, tns:TXGKO_Type/tns:belastungstransaktionBerechtigung, tns:TXGWEB_Type/tns:belastungstransaktionBerechtigung, tns:TXLPEB_Type/tns:einzahlungsbelegBerechtigung, tns:TXRBER_Type/tns:ruecknahmeTransaktionBerechtigung, tns:TXSNAWA_Req_Type/sperrtransaktionApplikation, tns:TXSNAWB_Req_Type/sperrtransaktionBerechtigung |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Source | <pre><xs:complexType name="Transaktionsdatensatz_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Transaktionsdaten" type="xs:hexBinary"/> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:berNmTransaktionMAC_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen |

| | | |
|-----------------|--|---|
| Diagram | | |
| Used by | Elements | tns:FahrttransaktionSatz_Type/tns:berNmTransaktionMAC, tns:TXABER_Type/tns:berNmTransaktionMAC, tns:TXAENBER_Type/tns:berNmTransaktionMAC, tns:TXBEKODL_Type/tns:berNmTransaktionMAC, tns:TXBEWEBKOKVP_Type/tns:berNmTransaktionMAC, tns:TXEBER_Type/tns:berNmTransaktionMAC, tns:TXGKO_Type/tns:berNmTransaktionMAC, tns:TXGWEB_Type/tns:berNmTransaktionMAC, tns:TXLPEB_Type/tns:berNmTransaktionMAC, tns:TXRBER_Type/tns:berNmTransaktionMAC, tns:TXSNAWB_Req_Type/berNmTransaktionMAC |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID | |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID | |
| Source | <pre> <xs:complexType name="berNmTransaktionMAC_Type"> <xs:annotation> <xs:documentation>Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berMAC_PV" type="ct:OctetString8"/> <xs:element name="berMAC_KVP" type="ct:OctetString8"/> <xs:element name="berMAC_PV_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type"/> <xs:element name="berMAC_KVP_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type"/> </xs:sequence> </xs:complexType> </pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Complex Type tns:SymSchlüssel_ID_Type

| | | |
|-----------------|---|---|
| Namespace | http://vdv/ka/ion/2 | |
| Annotations | Typ: Schlüssel ID | |
| Diagram | | |
| Used by | Elements | tns:TXASKON_Type/tns:samSchlüssel_ID, tns:TXSANFSYMK_Type/keySperrkandidatsym, tns:TXSFREIMITSYMK_Type/keySperrkandidatsym, tns:TXSMITSYMK_Type/keySperrkandidatsym, tns:TXTRANSABBRUCH_Type/tns:MKAH-PV-NM-MAC_ID, tns:TXTRANSABBRUCH_Type/tns:MKKVP--NM-MAC_ID, tns:TXUEBERKON_Type/tns:samSchlüssel_ID, tns:appNmTransaktionMAC_Type/appMAC_AH_Schlüssel_ID, tns:appNmTransaktionMAC_Type/appMAC_KVP_Schlüssel_ID, tns:berNmTransaktionMAC_Type/berMAC_KVP_Schlüssel_ID, tns:berNmTransaktionMAC_Type/berMAC_PV_Schlüssel_ID |
| Model | schlüsselNummer , schlüsselVersion , schlüsselInhaber_ID | |
| Children | schlüsselInhaber_ID, schlüsselNummer, schlüsselVersion | |
| Source | <pre> <xs:complexType name="SymSchlüssel_ID_Type"> <xs:annotation> <xs:documentation>Typ: Schlüssel ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="schlüsselNummer" type="ct:INT1"/> <xs:element name="schlüsselVersion" type="ct:INT1"/> <xs:element name="schlüsselInhaber_ID" type="ct:ReferenceNumberTwo"/> </xs:sequence> </xs:complexType> </pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Complex Type tns:Berechtigung_ID_Type

| | |
|-------------|----------------------------|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: ID einer Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Used by | Elements tns:TXANLN_Type/tns:berBerechtigung_ID, tns:TXASBER_Type/tns:berBerechtigung_ID, tns:TXAUSEFS_Type/tns:berBerechtigung_ID, tns:TXBEKODL2_Type/tns:berBerechtigung_ID, tns:TXBEKODL_Type/tns:berBerechtigung_ID, tns:TXKNAWB_Type/tns:berBerechtigung_ID, tns:TXSANFB_Type/tns:berBerechtigung_ID, tns:TXSFREIMITB_Type/tns:berSperrkandidat, tns:TXSMITB_Type/tns:berSperrkandidat |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Source | <pre> <xs:complexType name="Berechtigung_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID einer Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour" /> <xs:element name="kvp_ID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TX_RET_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Antworttransaktion |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type |
| Used by | Element tns:TXRETVerweisListe_Type/tns:TXRETVERWEIS Complex Types tns:TXA_Type, tns:TXB_Type |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Source | <pre> <xs:complexType name="TX_RET_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Antworttransaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type" /> <xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type" /> <xs:element name="transOriginalZeit" type="xs:dateTime" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:Ort_ID_Type

| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/ion/2 |
|-----------|---------------------|

| | |
|-----------------|--|
| Annotations | Typ: Datenstruktur Ort_ID |
| Diagram | |
| Used by | Elements tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOrt_ID, tns:EFSViaOrtsListe_Type/tns:efsViaort_ID, tns:TXKNAWA_Type/tns:logTransaktionsOrt_ID, tns:TXKNAWB_Type/tns:logTransaktionsOrt_ID, tns:TX_EFSLOG_Type/tns:efsStartort_ID, tns:TX_EFSLOG_Type/tns:efsZielort_ID, tns:TX_LOG_Type/tns:logTransaktionsort_ID |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Source | <pre><xs:complexType name="Ort_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Ort_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/> <xs:element name="ortNummer" type="ct:ReferenceNumberThree"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="ortDomaene_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:Terminal_ID_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Datenstruktur Terminal_ID |
| Diagram | |
| Used by | Elements tns:AllgemeineTransaktionsdaten/tns:logTerminal_ID, tns:TXKNAWA_Type/tns:logTerminal_ID, tns:TXKNAWB_Type/tns:logTerminal_ID |
| Model | terminalTyp , terminalNummer , terminalOwner_ID |
| Children | terminalNummer, terminalOwner_ID, terminalTyp |
| Source | <pre><xs:complexType name="Terminal_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Terminal_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type"/> <xs:element name="terminalNummer" type="ct:ReferenceNumberTwo"/> <xs:element name="terminalOwner_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:NmApplikationInstanz_ID_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: ID einer Applikationsinstanz auf dem Nutzermedium |
| Diagram | |
| Used by | Elements tns:TXADM_Type/tns:transappInstanz_ID, tns:TXKNAWA_Type/tns:appInstanz_ID, tns:TXSANFA_Type/tns:appInstanz_ID, tns:TXSMITA_Type/appSperrkandidat |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |

| | |
|-----------------|---|
| Source | <pre> <xs:complexType name="NmApplikationInstanz_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID einer Applikationsinstanz auf dem Nutzermedium</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour" /> <xs:element name="kvp_ID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:EFMProdukt_ID_Type

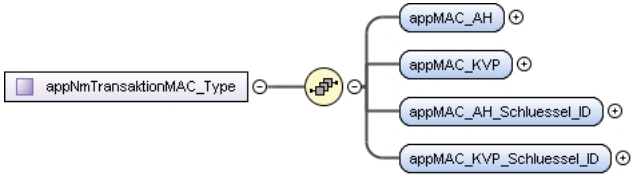
| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig) |
| Diagram | |
| Used by | Elements tns:TXANLN_Type/tns:prodProdukt_ID, tns:TXASBER_Type/tns:prodProdukt_ID, tns:TX-AUSEFS_Type/tns:prodProdukt_ID, tns:TXDEABER_Req_Type/prodProdukt_ID, tns:TXSANF-B_Type/tns:prodProdukt_ID |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Source | <pre> <xs:complexType name="EFMProdukt_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1" /> <xs:element name="organisationID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:ASymSchluessel_ID_Type

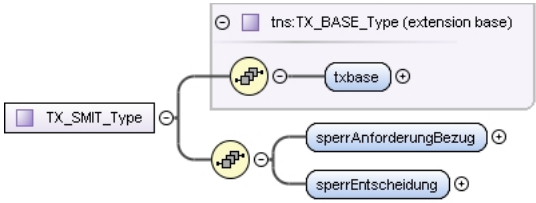
| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Type: Identifizierungsmerkmal, das den Schluessel eindeutig bestimmt. |
| Diagram | |
| Used by | Elements tns:TXSANFASYMK_Type/keySperrkandidatasym, tns:TXSFREIMITASYMK_Type/keySperrkandidatasym, tns:TXSMITASYMK_Type/keySperrkandidatasym |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Source | <pre> <xs:complexType name="ASymSchluessel_ID_Type"> <xs:annotation> <xs:documentation>Type: Identifizierungsmerkmal, das den Schluessel eindeutig bestimmt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="signaturSchluessel" type="ct:OctetString12" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:appNmTransaktionMAC_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: MAC-Sicherung fuer Applikations-Transaktionen |

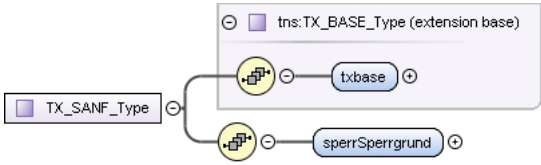
| | |
|-----------------|---|
| Diagram |  |
| Used by | Element tns:TXSNAWA_Req_Type/appNmTransaktionMAC |
| Model | appMAC_AH , appMAC_KVP , appMAC_AH_Schlüssel_ID , appMAC_KVP_Schlüssel_ID |
| Children | appMAC_AH, appMAC_AH_Schlüssel_ID, appMAC_KVP, appMAC_KVP_Schlüssel_ID |
| Source | <pre> <xs:complexType name="appNmTransaktionMAC_Type"> <xs:annotation> <xs:documentation>Typ: MAC-Sicherung fuer Applikations-Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="appMAC_AH" type="ct:OctetString8" /> <xs:element name="appMAC_KVP" type="ct:OctetString8" /> <xs:element name="appMAC_AH_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /> <xs:element name="appMAC_KVP_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TX_SMIT_Type

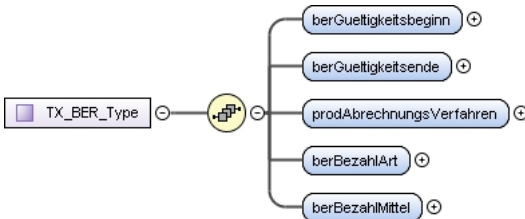
| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Sperrmitteilungen |
| Diagram |  |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type |
| Used by | Complex Types tns:TXSFREIMITASYMK_Type, tns:TXSFREIMITB_Type, tns:TXSFREIMITO_Type, tns:TXSFREIMITSYMK_Type, tns:TXSFREIMITS_Type, tns:TXSMITASYMK_Type, tns:TXSMITASYMTA_Type, tns:TXSMITB_Type, tns:TXSMITO_Type, tns:TXSMITSYMK_Type, tns:TXSMITS_Type |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung |
| Children | sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TX_SMIT_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperrmitteilungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type" /> <xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TX_SANF_Type

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|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Sperranforderungen |

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|-----------------|---|
| Diagram |  The diagram shows a box for 'TX_SANF_Type' connected to a larger box labeled 'tns:TX_BASE_Type (extension base)'. Inside the base box, there are two elements: 'txbase' and 'sperrSperrgrund', both connected to a central point. |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type |
| Used by | Complex Types tns:TXSANFASYMK_Type, tns:TXSANFA_Type, tns:TXSANFB_Type, tns:TXSANFSYMK_Type |
| Model | txbase , sperrSperrgrund |
| Children | sperrSperrgrund, txbase |
| Source | <pre> <xs:complexType name="TX_SANF_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperranforderungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <!-- Wilk Hoffmann: muss spaeter aus Aufzaehlung kommen --> <xs:element name="sperrSperrgrund" type="ct:INT1" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TX_BER_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Berechtigungstransaktionen |
| Diagram |  The diagram shows a box for 'TX_BER_Type' connected to a central point, which then branches out to five elements: 'berGueltigkeitsbeginn', 'berGueltigkeitsende', 'prodAbrechnungsVerfahren', 'berBezahlArt', and 'berBezahlMittel'. |
| Used by | Elements tns:TXABER_Type/tns:tx_ber, tns:TXAEBER_Type/tns:tx_ber |
| Model | berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel |
| Children | berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren |
| Source | <pre> <xs:complexType name="TX_BER_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Berechtigungstransaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact" /> <xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact" /> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="prodAbrechnungsVerfahren" type="tns:Abrechnungsverfahren_CODE_Type" /> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type" /> <xs:element name="berBezahlMittel" type="ct:OctetString10" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXA_Type

| | |
|-------------|--------------------------------------|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Ablehnung einer ION-Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TX_RET_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXA_Type |
| Used by | Elements tns:TXA, tns:TXARequest |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund |
| Children | transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Source | <pre> <xs:complexType name="TXA_Type"> <xs:annotation> <xs:documentation>Typ: Ablehnung einer ION-Transaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_RET_Type"> <xs:sequence> <xs:element name="transAblehnungGrund" type="ct:INT1"> <xs:annotation> <xs:documentation>WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst, getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen numerischen Typen versehen. Die genauen Fehlercodes sind der Schnittstelle des jeweiligen konkreten teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1' mit den jeweiligen Fehlercodes des Systems zu definieren.</xs:documentation> </xs:annotation> </xs:element> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXB_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Bestaetigung einer ION-Transaktion |
| Diagram | |

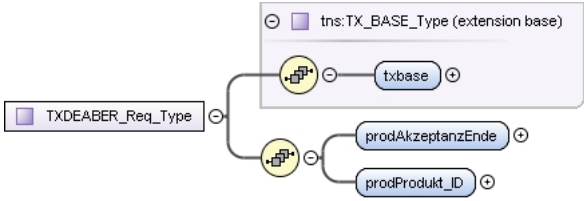
| | |
|-----------------|--|
| Type | extension of tns:TX_RET_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXB_Type |
| Used by | Elements tns:TXB, tns:TXBRequest |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Source | <pre><xs:complexType name="TXB_Type"> <xs:annotation> <xs:documentation>Typ: Bestaetigung einer ION-Transaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_RET_Type" /> </xs:complexContent> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXAS_Type

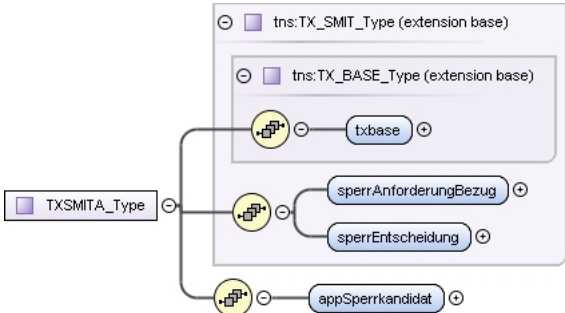
| | | | | | |
|-----------------|--|---------------|------------------------------------|---------|----------|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Typ: Aufforderung zum Senden | | | | |
| Diagram | | | | | |
| Type | extension of tns:TX_BASE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type | | | | |
| Used by | <table> <tr> <td>Complex Types</td><td>tns:TXASBER_Type, tns:TXASKON_Type</td></tr> <tr> <td>Element</td><td>tns:TXAS</td></tr> </table> | Complex Types | tns:TXASBER_Type, tns:TXASKON_Type | Element | tns:TXAS |
| Complex Types | tns:TXASBER_Type, tns:TXASKON_Type | | | | |
| Element | tns:TXAS | | | | |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp | | | | |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase | | | | |
| Source | <pre><xs:complexType name="TXAS_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="transSendeAuftrag"> <xs:simpleType> <xs:restriction base="tns:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="10" /> </xs:restriction> </xs:simpleType> </xs:element> <!-- TODO Wilk Hoffmann: Wenn dann bitte mit Aufzaehlung (verschoben bis stabil)--> <xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Complex Type tns:TXDEABER_Req_Type

| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/ion/2 |
|-----------|---------------------|

| | |
|-----------------|--|
| Annotations | Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen" |
| Diagram |  |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXDEABER_Req_Type |
| Used by | Element tns:TXDEABER |
| Model | txbase , prodAkzeptanzEnde , prodProdukt_ID |
| Children | prodAkzeptanzEnde, prodProdukt_ID, txbase |
| Source | <pre> <xs:complexType name="TXDEABER_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="prodAkzeptanzEnde" type="ct:Date"/> <xs:element name="prodProdukt_ID" type="tns:EFMPprodukt_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSMITA_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrmitteilung Applikation |
| Diagram |  |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITA_Type |
| Used by | Complex Type tns:TXSFREIMITA_Type Element tns:TXSMITA |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat |
| Children | appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TXSMITA_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung Applikation</xs:documentation> </xs:annotation> <xs:complexContent> </pre> |

| | |
|-----------------|--|
| | <pre> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false" /> </xs:sequence> </xs:extension> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSFREIMITA_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrfreigabemitteilung Applikation |
| Diagram | |
| Type | extension of tns:TXSMITA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITA_Type tns:TXSFREIMITA_Type |
| Used by | Element tns:TXSFREIMITA |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat |
| Children | appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TXSFREIMITA_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung Applikation</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSMITA_Type" /> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSANFSYMK_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperranforderung fuer einen symmetrischen Schluessel |
| Diagram | |

| | |
|-----------------|---|
| Type | extension of tns:TX_SANF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFSYMK_Type |
| Used by | Complex Type tns:TXSAANFSYMK_Type |
| | Element tns:TXSANFSYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Source | <pre><xs:complexType name="TXSANFSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SANF_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSANFASYMK_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperranforderung fuer einen asymmetrischen Schluessel |
| Diagram | <pre> classDiagram class tns_TX_SANF_Type["tns:TX_SANF_Type (extension base)"] class tns_TX_BASE_Type["tns:TX_BASE_Type (extension base)"] class tns_TXSANFASYMK_Type["tns:TXSANFASYMK_Type"] class txbase class sperrSperrgrund class keySperrkandidatsym class tns_ASymSchluessel_ID_Type["tns:ASymSchluessel_ID_Type"] tns_TX_SANF_Type -- > tns_TX_BASE_Type tns_TX_SANF_Type -- txbase tns_TX_SANF_Type -- sperrSperrgrund tns_TX_SANF_Type -- keySperrkandidatsym tns_TXSANFASYMK_Type -- > tns_TX_SANF_Type tns_TXSANFASYMK_Type -- txbase tns_TXSANFASYMK_Type -- sperrSperrgrund tns_TXSANFASYMK_Type -- keySperrkandidatsym tns_TXSANFASYMK_Type -- tns_ASymSchluessel_ID_Type </pre> |
| Type | extension of tns:TX_SANF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFASYMK_Type |
| Used by | Complex Type tns:TXSAANFASYMK_Type |
| | Element tns:TXSANFASYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidatasym |
| Children | keySperrkandidatasym, sperrSperrgrund, txbase |
| Source | <pre><xs:complexType name="TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SANF_Type"> <xs:sequence> <xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSAANFSYMK_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel |
| Diagram | |
| Type | extension of tns:TXSANFSYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type • tns:TXSAANFSYMK_Type |
| Used by | Element tns:TXSAANFSYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Source | <pre> <xs:complexType name="TXSAANFSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFSYMK_Type" /> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSAANFASYMK_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel |
| Diagram | |
| Type | extension of tns:TXSANFASYMK_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFASYMK_Type • tns:TXSAANFASYMK_Type |

| | |
|-----------------|--|
| Used by | Element tns:TXSAANFASYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrSperrgrund, txbase |
| Source | <pre><xs:complexType name="TXSAANFASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFASYMK_Type"/> </xs:complexContent> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSFREIMITSYMK_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrfreigabemitteilung symmetrischer Schluessel |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITSYMK_Type |
| Used by | Element tns:TXSFREIMITSYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre><xs:complexType name="TXSFREIMITSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung symmetrischer Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSFREIMITASYMK_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrfreigabemitteilung asymmetrischer Schluessel |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSFREIMITASYMK_Type |
| Used by | Element tns:TXSFREIMITASYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasy |
| Children | keySperrkandidatasy, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TXSFREIMITASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrfreigabemitteilung asymmetrischer Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatasy" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSMITSYMK_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrmitteilung symmetrischer Schuessel |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITSYMK_Type |
| Used by | Element tns:TXSMITSYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasy |
| Children | keySperrkandidatasy, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TXSMITSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung symmetrischer Schuessel</xs:documentation> </xs:annotation> </pre> |

| | |
|-----------------|--|
| | <pre> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSMITASYMK_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrmitteilung asymmetrischer Schuessel |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITASYMK_Type |
| Used by | Element tns:TXSMITASYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre> <xs:complexType name="TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung asymmetrischer Schuessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSNAWA_Req_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Dienstanfrage "Sperrnachweis Applikation" |

| | |
|----------------------|--|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSNAWA_Req_Type |
| Used by | Element tns:TXSNAWA |
| Model | txbase , (samSperrkandidat orgSperrkandidat) , zyklusNummer , sperrrtransaktionApplikation , appNmTransaktionMAC |
| Children | appNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrrtransaktionApplikation, txbase, zyklusNummer |
| Source | <pre> <xs:complexType name="TXSNAWA_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage "Sperrnachweis Applikation"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:choice minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.</ xs:documentation> </xs:annotation> <xs:element name="samSperrkandidat" type="tns:SAM_ID_Type" /> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID" /> </xs:choice> <xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="sperrrtransaktionApplikation" type="tns:Transaktionsdatensatz_Type" /> <xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSNAWB_Req_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Dienstanfrage "Sperrnachweis Berechtigung" |

| | |
|----------------------|---|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSNAWB_Req_Type |
| Used by | Element tns:TXSNAWB |
| Model | txbase , (samSperrkandidat orgSperrkandidat) , zyklusNummer , sperrtransaktionBerechtigung , berNmTransaktionMAC |
| Children | berNmTransaktionMAC, orgSperrkandidat, samSperrkandidat, sperrtransaktionBerechtigung, txbase, zyklusNummer |
| Source | <pre> <xs:complexType name="TXSNAWB_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage "Sperrnachweis Berechtigung"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:choice minOccurs="0" maxOccurs="1"> <xs:annotation> <xs:documentation>Wurde eine Applikation Aufgrund einer SAM bzw. Organisationssperre durchgefuehrt, so ist die SAM bzw. Org ID in dem jeweiligen Element zu uebermitteln.</ xs:documentation> </xs:annotation> <xs:element name="samSperrkandidat" type="tns:SAM_ID_Type" /> <xs:element name="orgSperrkandidat" type="ka:Organisation_ID" /> </xs:choice> <xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="sperrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type" /> <xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

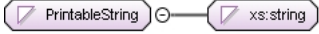
Simple Type(s)

Simple Type tns:TransSignatur_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ fuer die Signatur auf der Transaktion (altes Verfahren) |
| Diagram | |
| Type | restriction of xs:hexBinary |
| Facets | length 128 |
| Used by | Elements tns:ION_TX_HEADER_Type/transSignatur, tns:TX_RET_Type/transOrigSignatur |
| Source | <pre> <xs:simpleType name="TransSignatur_Type"> <xs:annotation> <xs:documentation>Typ fuer die Signatur auf der Transaktion (altes Verfahren)</xs:documentation> </xs:annotation> </pre> |

| | |
|-----------------|---|
| | <pre> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="128" fixed="true"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Simple Type `tns:PrintableString`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Diagram |  |
| Type | restriction of xs:string |
| Facets | pattern [-p]* |
| Used by | Elements tns:TXAS_Type/transSendeAuftrag, tns:TXBEKODL2_Type/tns:fahrtInformation |
| Source | <pre> <xs:simpleType name="PrintableString"> <xs:restriction base="xs:string"> <xs:pattern value="[-p]*"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Simple Type `tns:CommonServiceResultCode`

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|--|--------------|-----|--|--------------|---|--|-------------|---|---|-------------|---|---------------------|-------------|---|--|-------------|---|--|-------------|---|--|-------------|---|------------------|-------------|-----|---|
| Namespace | http://vdv/ka/ion/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Dienstuebergreifende Ergebniscodes. In BOM Ablehnungstype_Code bis auf Fall "0". Dieser Typ ist nicht direkt eingebunden und dient der Vollstaendigkeit der Schnittstelle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">• xs:unsignedInt<ul style="list-style-type: none">• tns:INT1<ul style="list-style-type: none">• tns:CommonServiceResultCode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>2</td><td>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</td></tr><tr><td>enumeration</td><td>3</td><td>Falsche Senderrolle</td></tr><tr><td>enumeration</td><td>4</td><td>Organisations-ID des Senders ist unbekannt</td></tr><tr><td>enumeration</td><td>5</td><td>Die Organisation wurde durch den AH gesperrt</td></tr><tr><td>enumeration</td><td>8</td><td>Transaktion betrifft gesperrtes Objekt</td></tr><tr><td>enumeration</td><td>9</td><td>Falsche Referenz</td></tr><tr><td>enumeration</td><td>254</td><td>Service/Transaktion wird nicht unterstuetzt</td></tr></table> | | | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | enumeration | 3 | Falsche Senderrolle | enumeration | 4 | Organisations-ID des Senders ist unbekannt | enumeration | 5 | Die Organisation wurde durch den AH gesperrt | enumeration | 8 | Transaktion betrifft gesperrtes Objekt | enumeration | 9 | Falsche Referenz | enumeration | 254 | Service/Transaktion wird nicht unterstuetzt |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | Falsche Senderrolle | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | Organisations-ID des Senders ist unbekannt | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | Die Organisation wurde durch den AH gesperrt | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 8 | Transaktion betrifft gesperrtes Objekt | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 9 | Falsche Referenz | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 254 | Service/Transaktion wird nicht unterstuetzt | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="CommonServiceResultCode"> <xs:annotation> <xs:documentation>Dienstuebergreifende Ergebniscodes. In BOM Ablehnungstype_Code bis auf Fall "0". Dieser Typ ist nicht direkt eingebunden und dient der Vollstaendigkeit der Schnittstelle.</ </xs:documentation> </xs:annotation> <xs:restriction base="tns:INT1"> <!-- <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Erfolgreich</ </xs:documentation> </xs:annotation> </xs:enumeration> --> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------|--|
| | <pre> <xs:annotation> <xs:documentation>Falsche Senderrolle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Organisations-ID des Senders ist unbekannt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Die Organisation wurde durch den AH gesperrt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Transaktion betrifft gesperrtes Objekt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Falsche Referenz</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="254"> <xs:annotation> <xs:documentation>Service/Transaktion wird nicht unterstuetzt</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Simple Type tns:NmTransaktionsTyp_CODE

| | | | |
|----------------|--|-----|--|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten | | |
| Diagram | | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:NmTransaktionsTyp_CODE | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 2 | Entwertung |
| | enumeration | 11 | CI |
| | enumeration | 12 | CO |
| | enumeration | 15 | Einzahlung - Berechtigung |
| | enumeration | 16 | CI nach Fahrtfortsetzung |
| | enumeration | 18 | NTP Aendern |
| | enumeration | 20 | Sperrtransaktion Applikation oder Berechtigung |
| | enumeration | 21 | Entsperrtransaktion Applikation oder Berechtigung |
| | enumeration | 22 | BI |
| | enumeration | 23 | BO |
| | enumeration | 24 | INOUT |
| | enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 27 | Kontrolle |

| | | | |
|---------|--|---|--|
| | enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| | enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| | enumeration | 30 | WEB Buchung(Laden/Entladen) |
| | enumeration | 31 | WEB-CI mit Autoload |
| | enumeration | 32 | WEB-CO mit Autoload |
| | enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| | enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| | enumeration | 35 | Auto CO |
| | enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| | enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| | enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| | enumeration | 39 | Rückgabetransaktion EFS ueber Aktionsliste |
| Used by | Element | tns:TX_LOG_Type/tns:logTransaktionsTyp_ID | |
| Source | <pre><xs:simpleType name="NmTransaktionsTyp_CODE"> <xs:annotation> <xs:documentation>Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Keine Angabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ausgabetransaktion - Applikation oder Berechtigung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Entwertung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>CI</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>CO</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>Einzahlung - Berechtigung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>CI nach Fahrtfortsetzung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="18"> <xs:annotation> <xs:documentation>NTP Aendern</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="20"> <xs:annotation> <xs:documentation>Sperrtransaktion Applikation oder Berechtigung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="21"> <xs:annotation> <xs:documentation>Entsperrtransaktion Applikation oder Berechtigung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="22"> <xs:annotation></pre> | | |

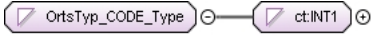
```

        <xs:documentation>BI</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="23">
      <xs:annotation>
        <xs:documentation>BO</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="24">
      <xs:annotation>
        <xs:documentation>INOUT</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="25">
      <xs:annotation>
        <xs:documentation>Rueckgabetransaktion - Applikation oder Berechtigung</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="27">
      <xs:annotation>
        <xs:documentation>Kontrolle</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="28">
      <xs:annotation>
        <xs:documentation>Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung
(POB/PEB/WEB)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="29">
      <xs:annotation>
        <xs:documentation>Belastungstransaktion WEB mit Autoload</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="30">
      <xs:annotation>
        <xs:documentation>WEB Buchung(Laden/Entladen)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>WEB-CI mit Autoload</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="32">
      <xs:annotation>
        <xs:documentation>WEB-CO mit Autoload</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="33">
      <xs:annotation>
        <xs:documentation>Kontrolle nach CI; BIBO oder Entwertung</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="34">
      <xs:annotation>
        <xs:documentation>Check personal (CPKontrolldatensatz fuer Kontrollterminal)</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="35">
      <xs:annotation>
        <xs:documentation>Auto CO</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="36">
      <xs:annotation>
        <xs:documentation>manuelles CO (nachtraeglich durch den Nutzer)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="37">
      <xs:annotation>
        <xs:documentation>Ausgabe EFS ueber Aktionsliste</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="38">
      <xs:annotation>
        <xs:documentation>Entsperrtransaktion EFS ueber Aktionsliste</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="39">
      <xs:annotation>
        <xs:documentation>Rueckgabetransaktion EFS ueber Aktionsliste</xs:documentation>


```

| | |
|-----------------|---|
| | <pre> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

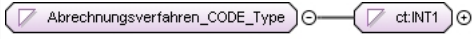
Simple Type `tns:OrtsTyp_CODE_Type`

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung OrtsTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden. | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:OrtsTyp_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:Ort_ID_Type/ortTyp | | | | |
| Source | <pre> <xs:simpleType name="OrtsTyp_CODE_Type"> <xs:annotation> <xs:documentation>Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung OrtsTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |


Simple Type `tns:AuftragsTyp_CODE`

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Der Code des Auftrages als Aufzaehlung. | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:AuftragsTyp_CODE | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:TXAS_Type/transSendeAuftragstyp | | | | |
| Source | <pre> <xs:simpleType name="AuftragsTyp_CODE"> <xs:annotation> <xs:documentation>Der Code des Auftrages als Aufzaehlung.</xs:documentation> </xs:annotation> <!-- TODO: bitte als Aufzaehlung!!! --> <xs:restriction base="ct:INT1"/> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Simple Type tns:Abrechnungsverfahren_CODE_Type


| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--------------|-----|--|--------------|---|--|-------------|---|--------------|-------------|---|----------|-------------|---|-----------|-------------|---|-----------|
| Namespace | http://vdv/ka/ion/2 | | | | | | | | | | | | | | | | | | | | |
| Annotations | Der Abrechnungsverfahren_CODE klassifiziert das Verfahren der Fahrpreisabrechnung. | | | | | | | | | | | | | | | | | | | | |
| Diagram |  | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Abrechnungsverfahren_CODE_Type | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>Keine Angabe</td></tr><tr><td>enumeration</td><td>1</td><td>Pre-Paid</td></tr><tr><td>enumeration</td><td>2</td><td>Post-Paid</td></tr><tr><td>enumeration</td><td>3</td><td>Trip-Paid</td></tr></table> | | | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Keine Angabe | enumeration | 1 | Pre-Paid | enumeration | 2 | Post-Paid | enumeration | 3 | Trip-Paid |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Keine Angabe | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | Pre-Paid | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Post-Paid | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | Trip-Paid | | | | | | | | | | | | | | | | | | | |
| Used by | Elements | tns:TXANLN_Type/tns:prodAbrechnungsverfahren, tns:TXAUSEFS_Type/tns:prodAbrechnungsverfahren, tns:TX_BER_Type/prodAbrechnungsverfahren | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="Abrechnungsverfahren_CODE_Type"> <xs:annotation> <xs:documentation>Der Abrechnungsverfahren_CODE klassifiziert das Verfahren der Fahrpreisabrechnung.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Keine Angabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Pre-Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Post-Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Trip-Paid</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | | | | | | | | | | | | | | | |

Simple Type tns:Bezahlart_CODE_Type


| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | <p>Der Bezahlart_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation).</p> <p>Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschaenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</p> |
| Diagram |  |
| Type | tns:INT1 |

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 <ul style="list-style-type: none"> tns:Bezahlart_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Elements tns:TXANLN_Type/tns:berBezahlArt, tns:TXAUSEFS_Type/tns:berBezahlArt, tns:TX_BER_Type/berBezahlArt | | | | |
| Source | <pre><xs:simpleType name="Bezahlart_CODE_Type"> <xs:annotation> <xs:documentation>Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation). Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Simple Type tns:TerminalTyp_CODE_Type

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table 6-85. Der TerminalTyp_CODE klassifiziert Terminals. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TerminalTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden. | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 <ul style="list-style-type: none"> tns:TerminalTyp_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:Terminal_ID_Type/terminalTyp | | | | |
| Source | <pre><xs:simpleType name="TerminalTyp_CODE_Type"> <xs:annotation> <xs:documentation>Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table 6-85. Der TerminalTyp_CODE klassifiziert Terminals. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TerminalTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Simple Type tns:SAM_ID_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Type: Eindeutiger Identifizierer eines Secure Application Module (SAM) |
| Diagram |  |
| Type | tns:ReferenceNumberThree |

| | | | | | |
|-----------------|--|--------------|----------|--------------|---|
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree • tns:SAM_ID_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Used by | Elements tns:NmTransaktion_ID_Type/tns:SAM_ID.samNummer, tns:TXASKON_Type/tns:samSAM_ID, tns:TXSFREIMITS_Type/tns:samSperrkandidat, tns:TXSMITS_Type/tns:samSperrkandidat, tns:TXSNAWA_Req_Type/samSperrkandidat, tns:TXSNAWB_Req_Type/samSperrkandidat, tns:TXUEBERKON_Type/tns:samSAM_ID | | | | |
| Source | <pre><xs:simpleType name="SAM_ID_Type"> <xs:annotation> <xs:documentation>Type: Eindeutiger Identifizierer eines Secure Application Module (SAM)</xs:documentation> </xs:annotation> <xs:restriction base="ct:ReferenceNumberThree"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Simple Type tns:Mitteilung_CODE_Type

| | | | | | | | | | |
|-----------------|---|-------------|---|-------------|---|-------------|---|-------------|---|
| Namespace | http://vdv/ka/ion/2 | | | | | | | | |
| Annotations | Typ: Mitteilung Codes BOM 6_40 | | | | | | | | |
| Diagram | | | | | | | | | |
| Type | restriction of xs:unsignedInt | | | | | | | | |
| Facets | <table> <tr> <td>enumeration</td><td>1</td></tr> <tr> <td>enumeration</td><td>2</td></tr> <tr> <td>enumeration</td><td>3</td></tr> <tr> <td>enumeration</td><td>4</td></tr> </table> | enumeration | 1 | enumeration | 2 | enumeration | 3 | enumeration | 4 |
| enumeration | 1 | | | | | | | | |
| enumeration | 2 | | | | | | | | |
| enumeration | 3 | | | | | | | | |
| enumeration | 4 | | | | | | | | |
| Used by | Element tns:TX_SMIT_Type/sperrEntscheidung | | | | | | | | |
| Source | <pre><xs:simpleType name="Mitteilung_CODE_Type"> <xs:annotation> <xs:documentation>Typ: Mitteilung Codes BOM 6_40</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType></pre> | | | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | | | |

Simple Type tns:SperrlistenZyklusNummer_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | <p>Die sperrlistenZyklusNummer ist eine streng Monoton aufsteigende Sequenznummer.</p> <p>Sie wird in einem festen konfigurierbaren Turnus zu einem bestimmten Zeitpunkt inkrementiert (z.B. 1 mal taeglich um 1:00 Uhr).</p> <p>Zu einer SperrlistenZyklusNummer werden alle Sperrobjektzustaende, die zu diesem Zeitpunkt im Kose System erfasst wurden, assoziiert.</p> <p>Sie gilt Systemweit und ist nicht an Organisationen oder Rollen gebunden.</p> <p>Wird eine Differenzsperrliste unter Angabe der sperrlistenZyklusNummer angefordert, so werden alle Sperrobjektaenderungen zwischen dieser ZyklusNummer und der aktuellen ZyklusNummer uebertragen.</p> |
| Diagram | |

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:SperrlistenZyklusNummer_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Used by | Elements tns:TXSNAWA_Req_Type/zyklusNummer, tns:TXSNAWB_Req_Type/zyklusNummer | | | | |
| Source | <pre><xs:simpleType name="SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>Die sperrlistenZyklusNummer ist eine streng Monoton aufsteigende Sequenznummer. Sie wird in einem festen konfigurierbaren Turnus zu einem bestimmten Zeitpunkt inkrementiert (z.B. 1 mal taeglich um 1:00 Uhr). Zu einer SperrlistenZyklusNummer werden alle Sperrobjektzustaende, die zu diesem Zeitpunkt im Kose System erfasst wurden, assoziiert. Sie gilt Systemweit und ist nicht an Organisationen oder Rollen gebunden. Wird eine Differenzsperrliste unter Angabe der sperrlistenZyklusNummer angefordert, so werden alle Sperrobjektaenderungen zwischen dieser ZyklusNummer und der aktuellen ZyklusNummer uebertragen.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT4"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Namespace: "http://vdv/ka/common/types/2"

Schema(s)

Imported schema XML-Schema_Common_Types.xsd

| | | | | | | | |
|-------------------------|---|-------------------------|-------------|-----------------------|-------------|----------|--------|
| Namespace | http://vdv/ka/common/types/2 | | | | | | |
| Properties | <table> <tr> <td>attribute form default:</td><td>unqualified</td></tr> <tr> <td>element form default:</td><td>unqualified</td></tr> <tr> <td>version:</td><td>1.10.0</td></tr> </table> | attribute form default: | unqualified | element form default: | unqualified | version: | 1.10.0 |
| attribute form default: | unqualified | | | | | | |
| element form default: | unqualified | | | | | | |
| version: | 1.10.0 | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | | | |


Simple Type(s)

Simple Type tns:ReferenceNumberTwo


| | | | | | |
|----------------|---|--------------|---------------------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | | | | |
| Diagram | <pre> classDiagram class ReferenceNumberTwo class tnsINT2["tns:INT2"] ReferenceNumberTwo -- > tnsINT2 </pre> | | | | |
| Type | tns:INT2 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Simple Type</td><td>tns:Organisation_ID</td></tr> <tr> <td>Elements</td><td>tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:TXKNAWA_Type/tns:logTransaktionsOperator_ID, tns:TXKNAWB_Type/tns:logTransaktionsOperator_ID, tns:Terminal_ID_Type/terminalNummer</td></tr> </table> | Simple Type | tns:Organisation_ID | Elements | tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:TXKNAWA_Type/tns:logTransaktionsOperator_ID, tns:TXKNAWB_Type/tns:logTransaktionsOperator_ID, tns:Terminal_ID_Type/terminalNummer |
| Simple Type | tns:Organisation_ID | | | | |
| Elements | tns:AllgemeineTransaktionsdaten/tns:logTransaktionsOperator_ID, tns:EFMProdukt_ID_Type/produktNummer, tns:Linie_ID_Type/tns:linienNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:TXKNAWA_Type/tns:logTransaktionsOperator_ID, tns:TXKNAWB_Type/tns:logTransaktionsOperator_ID, tns:Terminal_ID_Type/terminalNummer | | | | |
| Source | <pre><xs:simpleType name="ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</xs:documentation> </xs:annotation></pre> | | | | |

| | |
|-----------------|---|
| | <pre><xs:restriction base="tns:INT2"/> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

Simple Type **tns:INT2**


| | | | | | |
|-----------------|--|--------------|--|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Simple Types</td><td>tns:Amount65535, tns:ReferenceNumberTwo, tns:SequenceNumberTwo</td></tr> <tr> <td>Elements</td><td>tns:TX_PP2_Type/tns:ppMehrwertsteuer, tns:TX_PP_Type/tns:ppMehrwertsteuer</td></tr> </table> | Simple Types | tns:Amount65535, tns:ReferenceNumberTwo, tns:SequenceNumberTwo | Elements | tns:TX_PP2_Type/tns:ppMehrwertsteuer, tns:TX_PP_Type/tns:ppMehrwertsteuer |
| Simple Types | tns:Amount65535, tns:ReferenceNumberTwo, tns:SequenceNumberTwo | | | | |
| Elements | tns:TX_PP2_Type/tns:ppMehrwertsteuer, tns:TX_PP_Type/tns:ppMehrwertsteuer | | | | |
| Source | <pre><xs:simpleType name="INT2"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="65535"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type **tns:INT1**


| | | | | | |
|-----------------|--|--------------|--|--------------|--|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum eines Bytes umfasst | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Simple Types</td><td>tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsPartnerRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:ServiceKlasseExtra_CODE_Type, tns:ServiceKlasse_CODE_Type, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:TransportTypeCode_CODE_Type, tns:Validation_CODE_Type</td></tr> <tr> <td>Elements</td><td>tns:AllgemeineTransaktionsdaten/tns:logTransaktionsTyp.code, tns:ION_TX_HEADER_Type/transSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransaktionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnahmeAnzahl, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSperrgrund</td></tr> </table> | Simple Types | tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsPartnerRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:ServiceKlasseExtra_CODE_Type, tns:ServiceKlasse_CODE_Type, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:TransportTypeCode_CODE_Type, tns:Validation_CODE_Type | Elements | tns:AllgemeineTransaktionsdaten/tns:logTransaktionsTyp.code, tns:ION_TX_HEADER_Type/transSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransaktionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnahmeAnzahl, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSperrgrund |
| Simple Types | tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsPartnerRolle, tns:Kundentyp_CODE_Type, tns:NmTransaktionsTyp_CODE, tns:OrtsTyp_CODE_Type, tns:Profil_CODE_Type, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:ServiceKlasseExtra_CODE_Type, tns:ServiceKlasse_CODE_Type, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:TransportTypeCode_CODE_Type, tns:Validation_CODE_Type | | | | |
| Elements | tns:AllgemeineTransaktionsdaten/tns:logTransaktionsTyp.code, tns:ION_TX_HEADER_Type/transSignaturTyp, tns:ION_TX_HEADER_Type/transStatus, tns:ION_TX_HEADER_Type/transTransaktionsTyp, tns:ION_TX_HEADER_Type/transWiederholungsZaehler, tns:Mitnahme_Type/tns:mitnahmeAnzahl, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSperrgrund | | | | |
| Source | <pre><xs:simpleType name="INT1"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum eines Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="255"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type **tns:SequenceNumberFour**


| | |
|-----------|------------------------------|
| Namespace | http://vdv/ka/common/types/2 |
|-----------|------------------------------|

| | | | | | |
|-----------------|--|--------------|---|--------------|---|
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:SequenceNumberFour | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Elements</td><td>tns:IONTransaktion_ID_Type/transSequenznummer, tns:NmTransaktion_ID_Type/tns:samSequenznummer</td></tr> </table> | Elements | tns:IONTransaktion_ID_Type/transSequenznummer, tns:NmTransaktion_ID_Type/tns:samSequenznummer | | |
| Elements | tns:IONTransaktion_ID_Type/transSequenznummer, tns:NmTransaktion_ID_Type/tns:samSequenznummer | | | | |
| Source | <pre><xs:simpleType name="SequenceNumberFour"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT4"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:INT4

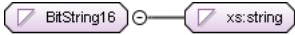
| | | | | | |
|-----------------|---|--------------|---|--------------|--|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Simple Types</td><td>tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type</td></tr> <tr> <td>Elements</td><td>tns:TXASKON_Type/tns:samLoadKeyZachler, tns:TXASKON_Type/tns:samNutzungsLimitNeu, tns:TXUEBERKON_Type/tns:samLoadKeyZachler, tns:TXUEBERKON_Type/tns:samNutzungsLimitGen</td></tr> </table> | Simple Types | tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type | Elements | tns:TXASKON_Type/tns:samLoadKeyZachler, tns:TXASKON_Type/tns:samNutzungsLimitNeu, tns:TXUEBERKON_Type/tns:samLoadKeyZachler, tns:TXUEBERKON_Type/tns:samNutzungsLimitGen |
| Simple Types | tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type | | | | |
| Elements | tns:TXASKON_Type/tns:samLoadKeyZachler, tns:TXASKON_Type/tns:samNutzungsLimitNeu, tns:TXUEBERKON_Type/tns:samLoadKeyZachler, tns:TXUEBERKON_Type/tns:samNutzungsLimitGen | | | | |
| Source | <pre><xs:simpleType name="INT4"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="4294967295"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:DateTime

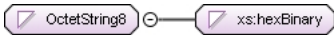
| | | | | | |
|-------------|---|---------|---|-------------|-----------------------------|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Datum mit Uhrzeit (nutzt den Standard) | | | | |
| Diagram |  | | | | |
| Type | xs:dateTime | | | | |
| Used by | <table> <tr> <td>Element</td><td>tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt</td></tr> <tr> <td>Simple Type</td><td>tns:SelektionKriterien_Type</td></tr> </table> | Element | tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt | Simple Type | tns:SelektionKriterien_Type |
| Element | tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt | | | | |
| Simple Type | tns:SelektionKriterien_Type | | | | |
| Source | <pre><xs:simpleType name="DateTime"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit (nutzt den Standard)</xs:documentation> </xs:annotation></pre> | | | | |

| | |
|-----------------|---|
| | <pre> </xs:annotation> <xs:restriction base="xs:dateTime"/> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

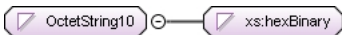
Simple Type `tns:BitString16`

| | | | | | |
|-----------------|---|--------|----|---------|--|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table> <tr> <td>length</td><td>16</td></tr> <tr> <td>pattern</td><td> [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] </td></tr> </table> | length | 16 | pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] |
| length | 16 | | | | |
| pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] | | | | |
| Used by | Element <code>tns:ION_TX_HEADER_Type/transVersion</code> | | | | |
| Source | <pre> <xs:simpleType name="BitString16"> <xs:annotation> <xs:documentation>String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="16" fixed="true"/> <xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]" /> </xs:restriction> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type `tns:OctetString8`

| | | | |
|-----------------|---|--------|---|
| Namespace | http://vdv/ka/common/types/2 | | |
| Annotations | Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen) | | |
| Diagram |  | | |
| Type | restriction of xs:hexBinary | | |
| Facets | <table> <tr> <td>length</td><td>8</td></tr> </table> | length | 8 |
| length | 8 | | |
| Used by | Elements <code>tns:appNmTransaktionMAC_Type/appMAC_AH</code> , <code>tns:appNmTransaktionMAC_Type/appMAC_KVP</code> , <code>tns:berNmTransaktionMAC_Type/berMAC_KVP</code> , <code>tns:berNmTransaktionMAC_Type/berMAC_PV</code> | | |
| Source | <pre> <xs:simpleType name="OctetString8"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="8" fixed="true"/> </xs:restriction> </xs:simpleType> </pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | |

Simple Type `tns:OctetString10`

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 10 Byte (20 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |

| | | |
|-----------------|--|--|
| Facets | length | 10 |
| Used by | Elements | tns:TXADM_Type/tns:transMediennummer, tns:TXAUSEFS_Type/tns:berBezahlMittel, tns:TX_ABKEY_Type/tns:berAbleitungsdaten, tns:TX_BER_Type/berBezahlMittel |
| Source | <pre><xs:simpleType name="OctetString10"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 10 Byte (20 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="10" fixed="true"/> </xs:restriction> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type tns:ReferenceNumberFour


| | | |
|-----------------|--|--|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | |
| Diagram | <pre> classDiagram class ReferenceNumberFour class tnsINT4["tns:INT4"] ReferenceNumberFour -- > tnsINT4 </pre> | |
| Type | tns:INT4 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | |
| Facets | maxInclusive | 4294967295 |
| | minInclusive | 0 |
| Used by | Elements | tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAppInstanznummer, tns:TXTRANSABBRUCH_Type/tns:MKAH-PV-Nutzungszaehler, tns:TXTRANSABBRUCH_Type/tns:MKKVP-Nutzungszaehler |
| Source | <pre><xs:simpleType name="ReferenceNumberFour"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT4"/> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type tns:ReferenceNumberThree

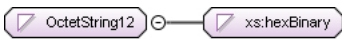
| | | |
|----------------|---|--|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Integer der den positiven Zahlenraum von drei Bytes umfasst | |
| Diagram | <pre> classDiagram class ReferenceNumberThree class tnsINT3["tns:INT3"] ReferenceNumberThree -- > tnsINT3 </pre> | |
| Type | tns:INT3 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree | |
| Facets | maxInclusive | 16777215 |
| | minInclusive | 0 |
| Used by | Elements | tns:Fahrt_ID_Type/tns:fahrtNummer, tns:Ort_ID_Type/ortNummer |
| | Simple Type | tns:SAM_ID_Type |
| Source | <pre><xs:simpleType name="ReferenceNumberThree"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT3"/> </xs:simpleType></pre> | |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |
|-----------------|---|

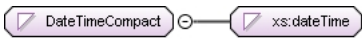
Simple Type `tns:INT3`

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von drei Bytes umfasst | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Used by | Simple Types tns:ReferenceNumberThree, tns:SequenceNumberThree | | | | |
| Source | <pre><xs:simpleType name="INT3"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="16777215"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type `tns:OctetString12`

| | | | |
|-----------------|--|--------|----|
| Namespace | http://vdv/ka/common/types/2 | | |
| Annotations | Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen) | | |
| Diagram |  | | |
| Type | restriction of xs:hexBinary | | |
| Facets | <table> <tr> <td>length</td><td>12</td></tr> </table> | length | 12 |
| length | 12 | | |
| Used by | Element tns:ASymSchluessel_ID_Type/signaturSchluessel | | |
| Source | <pre><xs:simpleType name="OctetString12"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="12" fixed="true"/> </xs:restriction> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | |

Simple Type `tns:DateTimeCompact`

| | | | |
|--------------|---|--------------|---------------------|
| Namespace | http://vdv/ka/common/types/2 | | |
| Annotations | <p>Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschaenkt, so dass ueber eine binaere Darstellung im Nutzermedium 4 Byte ausreichend sind.</p> <p>1990-01-01T:00:00:00 entspricht "keiner Angabe".</p> <p>Der erste gueltige Wert ist 1990-01-02T00:00:02, da angenommen wird, dass DateTimeCompact sich aus DateCompact und TimeCompact (siehe BOM Spez.) zusammensetzt.</p> <p>Achtung: es wird lokale Zeit verwendet (keine Zeitzonen) um unguelte Werte bei Abschneiden einer Zeitzoneinformation zu vermeiden!</p> | | |
| Diagram |  | | |
| Type | restriction of xs:dateTime | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>2117-12-31T23:59:58</td></tr> </table> | maxInclusive | 2117-12-31T23:59:58 |
| maxInclusive | 2117-12-31T23:59:58 | | |

| | | |
|-----------------|--|--|
| | minInclusive | 1990-01-01T00:00:00 |
| Used by | Elements | tns:AllgemeineTransaktionsdaten/tns:logTransaktionsZeitpunkt, tns:TXKNAWA_Type/tns:log-TransaktionsZeitpunkt, tns:TXKNAWB_Type/tns:logTransaktionsZeitpunkt, tns:TX_BER_Type/berGueltigkeitsbeginn, tns:TX_BER_Type/berGueltigkeitsende, tns:TX_LOG_Type/tns:logTransaktionsZeitpunkt_ID |
| Source | <pre><xs:simpleType name="DateTimeCompact"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, so dass ueber eine binaere Darstellung im Nutzermedium 4 Byte ausreichend sind. 1990-01-01T00:00:00 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02T00:00:02, da angenommen wird, dass DateTimeCompact sich aus DateCompact und TimeCompact (siehe BOM Spez.) zusammensetzt. Achtung: es wird lokale Zeit verwendet (keine Zeitzonen) um unguelte Werte bei Abscheiden einer Zeitzoneinformation zu vermeiden!</xs:documentation> </xs:annotation> <xs:restriction base="xs:dateTime"> <xs:minInclusive value="1990-01-01T00:00:00"/> <xs:maxInclusive value="2117-12-31T23:59:58"/> </xs:restriction> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type tns:Date

| | | |
|-----------------|--|---|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Datum ohne Uhrzeit (nutzt den Standard) | |
| Diagram | | |
| Type | xs:date | |
| Used by | Element | tns:TXDEABER_Req_Type/prodAkzeptanzEnde |
| Source | <pre><xs:simpleType name="Date"> <xs:annotation> <xs:documentation>Datum ohne Uhrzeit (nutzt den Standard)</xs:documentation> </xs:annotation> <xs:restriction base="xs:date"/> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type tns:BitString1


| | | |
|-----------------|--|-------|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf | |
| Diagram | | |
| Type | restriction of xs:string | |
| Facets | length | 1 |
| | pattern | [0-1] |
| Source | <pre><xs:simpleType name="BitString1"> <xs:annotation> <xs:documentation>String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="1" fixed="true"/> <xs:pattern value="[0-1]"/> </xs:restriction> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type tns:BitString8


| | | |
|-------------|---|--|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen | |

| | | | | | |
|-----------------|--|--------|---|---------|--|
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1]</td></tr> </table> | length | 8 | pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1] |
| length | 8 | | | | |
| pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1] | | | | |
| Source | <pre><xs:simpleType name="BitString8"> <xs:annotation> <xs:documentation>String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:DateCompact

| | | | | | |
|-----------------|--|--------------|------------|--------------|------------|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschaenkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02 (siehe BOM Spez.). | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:date | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>2117-12-31</td></tr> <tr> <td>minInclusive</td><td>1990-01-01</td></tr> </table> | maxInclusive | 2117-12-31 | minInclusive | 1990-01-01 |
| maxInclusive | 2117-12-31 | | | | |
| minInclusive | 1990-01-01 | | | | |
| Source | <pre><xs:simpleType name="DateCompact"> <xs:annotation> <xs:documentation>Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschaenkt, so dass ueber eine binaere Darstellung im Nutzermedium 2 Byte ausreichend sind. 1990-01-01 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02 (siehe BOM Spez.).</xs:documentation> </xs:annotation> <xs:restriction base="xs:date"> <xs:minInclusive value="1990-01-01"/> <xs:maxInclusive value="2117-12-31"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:Datef

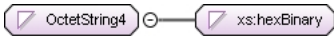
| | | | | | |
|-------------|--|--------|---|---------|--|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet. | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9]</td></tr> </table> | length | 8 | pattern | [0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9] |
| length | 8 | | | | |
| pattern | [0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9] | | | | |
| Source | <pre><xs:simpleType name="Datef"> <xs:annotation> <xs:documentation>BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"></pre> | | | | |

| | |
|-----------------|--|
| | <pre> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

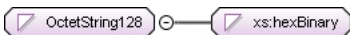
Simple Type **tns:OctetString1**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 1 |
| Source | <pre> <xs:simpleType name="OctetString1"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="1" fixed="true"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

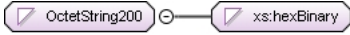
Simple Type **tns:OctetString4**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 4 |
| Used by | Element tns:TX_AFBLOG_Type/tns:afbLogDynamischerRabattParameter |
| Source | <pre> <xs:simpleType name="OctetString4"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="4" fixed="true"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |


Simple Type **tns:OctetString128**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 128 |
| Source | <pre> <xs:simpleType name="OctetString128"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="128" fixed="true"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |


Simple Type `tns:OctetString200`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 200 Byte (400 Zeichen) |
| Diagram |  |
| Type | restriction of <code>xs:hexBinary</code> |
| Facets | length 200 |
| Source | <pre><xs:simpleType name="OctetString200"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 200 Byte (400 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="200" fixed="true"/> </xs:restriction> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

Simple Type `tns:ReferenceNumberOne`

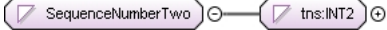
| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von einem Byte umfasst | | | | |
| Diagram |  | | | | |
| Type | <code>tns:INT1</code> | | | | |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT1</code> <ul style="list-style-type: none"> <code>tns:ReferenceNumberOne</code> | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element <code>tns:LinieVariante_ID_Type/tns:variantenNummer</code> | | | | |
| Source | <pre><xs:simpleType name="ReferenceNumberOne"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von einem Byte umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT1"/> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type `tns:SequenceNumberOne`

| | | | | | |
|----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | <code>tns:INT1</code> | | | | |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT1</code> <ul style="list-style-type: none"> <code>tns:SequenceNumberOne</code> | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:simpleType name="SequenceNumberOne"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT1"/> </xs:simpleType></pre> | | | | |

| | |
|-----------------|---|
| | <pre> </xs:annotation> <xs:restriction base="tns:INT1" /> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

Simple Type **tns:SequenceNumberTwo**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT2 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:SequenceNumberTwo | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:AllgemeineTransaktionsdaten/tns:logApplikationSeqNummer | | | | |
| Source | <pre> <xs:simpleType name="SequenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT2" /> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type **tns:SequenceNumberThree**

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT3 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:SequenceNumberThree | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre> <xs:simpleType name="SequenceNumberThree"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT3" /> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Namespace: "http://vdv/ka/common/2"

Schema(s)

Imported schema XML-Schema_KA_Common.xsd

| | |
|-----------|------------------------|
| Namespace | http://vdv/ka/common/2 |
|-----------|------------------------|

| | |
|-----------------|--|
| Properties | attribute form default: unqualified |
| | element form default: unqualified |
| | version: 1.10.0 |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |


Element(s)

Element tns:VX

| | |
|-----------------|---|
| Namespace | http://vdv/ka/common/2 |
| Annotations | KA VX Nachricht Eine VX Nachricht wird bei einer asynchronen Anwendungskommunikation als Bestaetigung einer Dienstanfrage gesendet. Durch die VX Nachricht wird dem anfragenden System der Status der iniitalen Datenuebermittlung mitgeteilt. |
| Diagram |  |
| Type | tns:VX_Message_Type |
| Properties | content: complex |
| Model | StatusCode , StatusText |
| Children | StatusCode, StatusText |
| Instance | <pre><tns:VX xmlns:tns="http://vdv/ka/common/2"> <StatusCode>{1,1}</StatusCode> <StatusText>{1,1}</StatusText> </tns:VX></pre> |
| Source | <pre><xs:element name="VX" type="tns:VX_Message_Type"> <xs:annotation> <xs:documentation>KA VX Nachricht Eine VX Nachricht wird bei einer asynchronen Anwendungskommunikation als Bestaetigung einer Dienstanfrage gesendet. Durch die VX Nachricht wird dem anfragenden System der Status der iniitalen Datenuebermittlung mitgeteilt.</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |


Simple Type(s)

Simple Type tns:Organisation_ID

| | |
|----------------|--|
| Namespace | http://vdv/ka/common/2 |
| Annotations | Type: Eindeutiger Identifier einer Organisation |
| Diagram |  |
| Type | tns:ReferenceNumberTwo |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Used by | <p>Elements</p> <p>tns:Berechtigung_ID_Type/kvp_ID, tns:EFMProdukt_ID_Type/organisationID, tns:Fahrt_ID_Type/tns:fahrtBetreiber_ID, tns:IONTransaktion_ID_Type/transSender_ID, tns:ION_TX_HEAD-ER_Type/transEmpfaenger_ID, tns:Linie_ID_Type/tns:linieDomaene_ID, tns:NmApplikationInstanz_ID_Type/kvp_ID, tns:Ort_ID_Type/ortDomaene_ID, tns:TXSFREIMITO_Type/tns:orgSperrkandidat, tns:TXSMITO_Type/tns:orgSperrkandidat, tns:TXSNAWA_Req_Type/orgSperrkandidat,</p> |

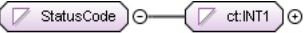
| | |
|-----------------|---|
| | tns:TXSNAWB_Req_Type/orgSperrkandidat, tns:TX_LOG_Type/tns:logTransaktionsoperator_ID, tns:Terminal_ID_Type/terminalOwner_ID |
| Source | <pre><xs:simpleType name="Organisation_ID"> <xs:annotation> <xs:documentation>Type: Eindeutiger Identifier einer Organisation</xs:documentation> </xs:annotation> <xs:restriction base="ct:ReferenceNumberTwo"/> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |

Simple Type tns:KommunikationsParterRolle

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|--|--|--------------|-----|--|--------------|---|--|-------------|---|-----------|-------------|---|-----|-------------|---|----|-------------|---|----|-------------|---|----|-------------|---|-------|-------------|-----|-----|
| Namespace | http://vdv/ka/common/2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Rolle des Kommunikationspartners: 1=KVP, 2=DL, 3=PV, 4=AH, 5=KOSES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of tns:INT1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:KommunikationsParterRolle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table><tr><td>maxInclusive</td><td>255</td><td></td></tr><tr><td>minInclusive</td><td>0</td><td></td></tr><tr><td>enumeration</td><td>0</td><td>Unbekannt</td></tr><tr><td>enumeration</td><td>1</td><td>KVP</td></tr><tr><td>enumeration</td><td>2</td><td>DL</td></tr><tr><td>enumeration</td><td>3</td><td>PV</td></tr><tr><td>enumeration</td><td>4</td><td>AH</td></tr><tr><td>enumeration</td><td>5</td><td>KOSES</td></tr><tr><td>enumeration</td><td>254</td><td>ZVM</td></tr></table> | | | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Unbekannt | enumeration | 1 | KVP | enumeration | 2 | DL | enumeration | 3 | PV | enumeration | 4 | AH | enumeration | 5 | KOSES | enumeration | 254 | ZVM |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Unbekannt | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | KVP | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | DL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | PV | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | AH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | KOSES | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 254 | ZVM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Used by | Elements | tns:IONTransaktion_ID_Type/transSenderRolle, tns:ION_TX_HEADER_Type/transEmpfaengerRolle | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Kommunikationspartners: 1=KVP, 2=DL, 3=PV, 4=AH, 5=KOSES</ xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Unbekannt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>KVP</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>DL</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>PV</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>AH</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>KOSES</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|-----------------|--|
| | <pre> <xs:enumeration value="254"> <xs:annotation> <xs:documentation>ZVM</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |

Simple Type tns:StatusCode

| | | | |
|----------------|--|--------------------------------|---|
| Namespace | http://vdv/ka/common/2 | | |
| Annotations | Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten) | | |
| Diagram |  | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:StatusCode | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor. |
| | enumeration | 1 | Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden. |
| | enumeration | 2 | Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde. |
| | enumeration | 3 | Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt. |
| | enumeration | 4 | Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden. |
| | enumeration | 5 | Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit. |
| | enumeration | 6 | Die asynchrone Nachricht kann nicht zwischengespeichert werden. |
| | enumeration | 7 | Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt. |
| | enumeration | 255 | Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden. |
| Used by | Element | tns:VX_Message_Type/StatusCode | |
| Source | <pre><xs:simpleType name="StatusCode"> <xs:annotation> <xs:documentation>Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation></pre> | | |

| | |
|----------------------|---|
| | <pre> <xs:documentation>Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>Die asynchrone Nachricht kann nicht zwischengespeichert werden.</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="255"> <xs:annotation> <xs:documentation>Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ common/2/XML-Schema_KA_Common.xsd |

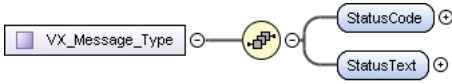
Simple Type `tns:StatusText`

| | |
|----------------------|--|
| Namespace | http://vdv/ka/common/2 |
| Annotations | Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht |
| Diagram | <pre> classDiagram class StatusText class xs_string["xs:string"] StatusText -- > xs_string </pre> |
| Type | restriction of xs:string |
| Facets | maxLength 255 |
| Used by | Element <code>tns:VX_Message_Type/StatusText</code> |
| Source | <pre> <xs:simpleType name="StatusText"> <xs:annotation> <xs:documentation>Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht</ xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType> </pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ common/2/XML-Schema_KA_Common.xsd |

Complex Type(s)

Complex Type `tns:VX_Message_Type`

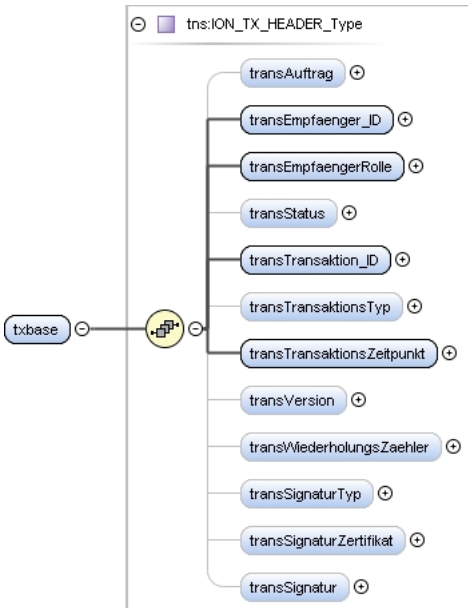
| | |
|-------------|---|
| Namespace | http://vdv/ka/common/2 |
| Annotations | Type: Struktur einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten) |

| | |
|-----------------|---|
| Diagram |  |
| Used by | Element tns:VX |
| Model | StatusCode , StatusText |
| Children | StatusCode, StatusText |
| Source | <pre> <xs:complexType name="VX_Message_Type"> <xs:annotation> <xs:documentation>Type: Struktur einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten)</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="StatusCode" type="tns:StatusCode" /> <xs:element name="StatusText" type="tns:StatusText" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |

Namespace: ""

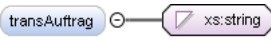
Element(s)

Element tns:TX_BASE_Type / txbase


| | |
|-------------|---|
| Namespace | No namespace |
| Annotations | Fachliche Daten ueber die in der Transaktion involvierten Systeme |
| Diagram |  |
| Type | tns:ION_TX_HEADER_Type |
| Properties | content: complex |
| Model | transAuftrag{0,1} , transEmpfaenger_ID , transEmpfaengerRolle , transStatus{0,1} , transTransaktion_ID , transTransaktionsTyp{0,1} , transTransaktionsZeitpunkt , transVersion{0,1} , transWiederholungsZaehler{0,1} , transSignaturTyp{0,1} , transSignaturZertifikat{0,1} , transSignatur{0,1} |
| Children | transAuftrag, transEmpfaengerRolle, transEmpfaenger_ID, transSignatur, transSignaturTyp, transSignaturZertifikat, transStatus, transTransaktion_ID, transTransaktionsTyp, transTransaktionsZeitpunkt, transVersion, transWiederholungsZaehler |
| Instance | <pre> <txbase> <transAuftrag>{0,1}</transAuftrag> <transEmpfaenger_ID>{1,1}</transEmpfaenger_ID> <transEmpfaengerRolle>{1,1}</transEmpfaengerRolle> <transStatus>{0,1}</transStatus> <transTransaktion_ID>{1,1}</transTransaktion_ID> <transTransaktionsTyp>{0,1}</transTransaktionsTyp> </pre> |

| | |
|-----------------|--|
| | <pre> <transTransaktionsZeitpunkt>{1,1}</transTransaktionsZeitpunkt> <transVersion>{0,1}</transVersion> <transWiederholungsZaehler>{0,1}</transWiederholungsZaehler> <transSignaturTyp>{0,1}</transSignaturTyp> <transSignaturZertifikat>{0,1}</transSignaturZertifikat> <transSignatur>{0,1}</transSignatur> </txbase> </pre> |
| Source | <pre> <xs:element name="txbase" type="tns:ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Fachliche Daten ueber die in der Transaktion involvierten Systeme</ </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |


Element tns:ION_TX_HEADER_Type / transAuftrag

| | | | | | | | |
|-----------------|---|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | xs:string | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Source | <pre> <xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/> </pre> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID

| | | | | | |
|-----------------|---|--------------|--------|--------------|---|
| Namespace | No namespace | | | | |
| Annotations | Eindeutige OrganisationsId des Nachrichtenempfaengers | | | | |
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple | | |
| content: | simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre> <xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"> <xs:annotation> <xs:documentation>Eindeutige OrganisationsId des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:ION_TX_HEADER_Type / transEmpfaengerRolle

| | |
|----------------|---|
| Namespace | No namespace |
| Annotations | Rolle des Nachrichtenempfaengers |
| Diagram |  |
| Type | tns:KommunikationsParterRolle |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt |

| | |
|-----------------|--|
| | <ul style="list-style-type: none"> • tns:INT1 • tns:KommunikationsParterRolle |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 0 Unbekannt |
| | enumeration 1 KVP |
| | enumeration 2 DL |
| | enumeration 3 PV |
| | enumeration 4 AH |
| | enumeration 5 KOSES |
| | enumeration 254 ZVM |
| Source | <pre><xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:ION_TX_HEADER_Type / transStatus


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:INT1 |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <pre><xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:ION_TX_HEADER_Type / transTransaktion_ID


| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre><transTransaktion_ID> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</transSenderRolle> <transSender_ID>{1,1}</transSender_ID> </transTransaktion_ID></pre> |
| Source | <pre><xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/></pre> |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |
|-----------------|---|


Element `tns:IONTransaktion_ID_Type` / `transSequenznummer`

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:SequenceNumberFour</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT4</code> <ul style="list-style-type: none"> <code>tns:SequenceNumberFour</code> |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="transSequenznummer" type="ct:SequenceNumberFour"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element `tns:IONTransaktion_ID_Type` / `transSenderRolle`

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:KommunikationsParterRolle</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT1</code> <ul style="list-style-type: none"> <code>tns:KommunikationsParterRolle</code> |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 0 Unbekannt |
| | enumeration 1 KVP |
| | enumeration 2 DL |
| | enumeration 3 PV |
| | enumeration 4 AH |
| | enumeration 5 KOSES |
| | enumeration 254 ZVM |
| Source | <code><xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element `tns:IONTransaktion_ID_Type` / `transSender_ID`

| | |
|----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:Organisation_ID</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT2</code> <ul style="list-style-type: none"> <code>tns:ReferenceNumberTwo</code> <ul style="list-style-type: none"> <code>tns:Organisation_ID</code> |

| | | |
|-----------------|---|--------|
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="transSender_ID" type="ka:Organisation_ID" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:ION_TX_HEADER_Type / transTransaktionsTyp

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:INT1 | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| | maxOccurs: | 1 |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Source | <xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Annotations | Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering. | |
| Diagram | | |
| Type | tns:DateTime | |
| Properties | content: | simple |
| Source | <pre><xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</xs:documentation> </xs:annotation> </xs:element></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:ION_TX_HEADER_Type / transVersion

| | | |
|------------|-----------------|--|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:BitString16 | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| | maxOccurs: | 1 |
| Facets | length | 16 |
| | pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] |

| | |
|-----------------|---|
| Source | <code><xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element **tns:ION_TX_HEADER_Type** / **transWiederholungsZaehler**

| | | | | | | | |
|-----------------|---|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:INT1 | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 | | |
| maxInclusive | 255 | | | | | | |
| minInclusive | 0 | | | | | | |
| Source | <code><xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element **tns:ION_TX_HEADER_Type** / **transSignaturTyp**


| | | | | | | | |
|-----------------|---|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:INT1 | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr><td>maxInclusive</td><td>255</td></tr> <tr><td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 | | |
| maxInclusive | 255 | | | | | | |
| minInclusive | 0 | | | | | | |
| Source | <code><xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element **tns:ION_TX_HEADER_Type** / **transSignaturZertifikat**

| | | | | | | | |
|-----------------|--|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of xs:hexBinary | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr><td>length</td><td>378</td></tr> </table> | length | 378 | | | | |
| length | 378 | | | | | | |
| Source | <pre> <xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="378" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element> </pre> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element **tns:ION_TX_HEADER_Type** / **transSignatur**


| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

| | | | | | | | |
|-----------------|---|----------|--------|------------|---|------------|---|
| Diagram |  | | | | | | |
| Type | tns:TransSignatur_Type | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr><td>length</td><td>128</td></tr> </table> | length | 128 | | | | |
| length | 128 | | | | | | |
| Source | <code><xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |


Element tns:Transaktionsdatensatz_Type / Transaktionsdaten

| | | | |
|-----------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | xs:hexBinary | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Source | <code><xs:element name="Transaktionsdaten" type="xs:hexBinary"/></code> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

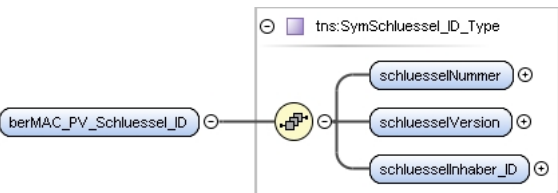
Element tns:berNmTransaktionMAC_Type / berMAC_PV

| | | | |
|-----------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:OctetString8 | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Facets | <table> <tr><td>length</td><td>8</td></tr> </table> | length | 8 |
| length | 8 | | |
| Source | <code><xs:element name="berMAC_PV" type="ct:OctetString8"/></code> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Element tns:berNmTransaktionMAC_Type / berMAC_KVP

| | | | |
|-----------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:OctetString8 | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Facets | <table> <tr><td>length</td><td>8</td></tr> </table> | length | 8 |
| length | 8 | | |
| Source | <code><xs:element name="berMAC_KVP" type="ct:OctetString8"/></code> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID

| | |
|-----------|---|
| Namespace | No namespace |
| Diagram |  |

| | |
|-----------------|--|
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><berMAC_PV_Schluessel_ID> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </berMAC_PV_Schluessel_ID></pre> |
| Source | <code><xs:element name="berMAC_PV_Schluessel_ID" type="tns:SymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:SymSchluessel_ID_Type / schluesselNummer

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:INT1 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="schluesselNummer" type="ct:INT1" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:SymSchluessel_ID_Type / schluesselVersion

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:INT1 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="schluesselVersion" type="ct:INT1" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:SymSchluessel_ID_Type / schluesselInhaber_ID

| | | | | | |
|-----------------|--|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:ReferenceNumberTwo | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element **tns:berNmTransaktionMAC_Type** / **berMAC_KVP_Schluessel_ID**

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><berMAC_KVP_Schluessel_ID> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </berMAC_KVP_Schluessel_ID></pre> |
| Source | <code><xs:element name="berMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element **tns:Berechtigung_ID_Type** / **berechtigungNummer**

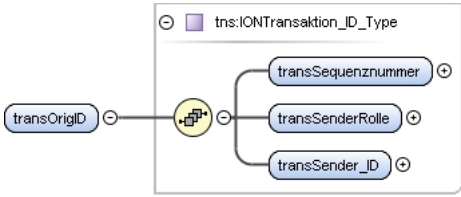
| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:ReferenceNumberFour | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element **tns:Berechtigung_ID_Type** / **kvp_ID**


| | | | | | |
|----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="kvp_ID" type="ka:Organisation_ID"/></code> | | | | |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |
|-----------------|---|

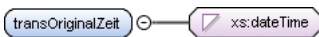
Element tns:TX_RET_Type / transOrigID

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre><transOrigID> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</transSenderRolle> <transSender_ID>{1,1}</transSender_ID> </transOrigID></pre> |
| Source | <pre><xs:element name="transOrigID" type="tns:IONTransaktion_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

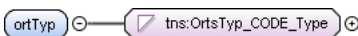
Element tns:TX_RET_Type / transOrigSignatur

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:TransSignatur_Type |
| Properties | content: simple minOccurs: 0 maxOccurs: 1 |
| Facets | length 128 |
| Source | <pre><xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TX_RET_Type / transOriginalZeit


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | xs:dateTime |
| Properties | content: simple |
| Source | <pre><xs:element name="transOriginalZeit" type="xs:dateTime" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:Ort_ID_Type / ortTyp


| | |
|----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:OrtsTyp_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:INT1 • tns:OrtsTyp_CODE_Type |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <code><xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

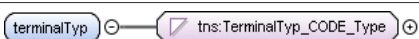
Element tns:Ort_ID_Type / ortNummer

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:ReferenceNumberThree |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT3 • tns:ReferenceNumberThree |
| Properties | content: simple |
| Facets | maxInclusive 16777215 |
| | minInclusive 0 |
| Source | <code><xs:element name="ortNummer" type="ct:ReferenceNumberThree" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:Ort_ID_Type / ortDomaene_ID


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <code><xs:element name="ortDomaene_ID" type="ka:Organisation_ID" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:Terminal_ID_Type / terminalTyp


| | |
|----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:TerminalTyp_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:TerminalTyp_CODE_Type |

| | | |
|-----------------|---|--------|
| Properties | content: | simple |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Source | <xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |


Element tns:Terminal_ID_Type / terminalNumber

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram |  | |
| Type | tns:ReferenceNumberTwo | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | |
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="terminalNumber" type="ct:ReferenceNumberTwo"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:Terminal_ID_Type / terminalOwner_ID


| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram |  | |
| Type | tns:Organisation_ID | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | |
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="terminalOwner_ID" type="ka:Organisation_ID"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:NmApplikationInstanz_ID_Type / NmAppInstanznummer


| | | |
|----------------|---|------------|
| Namespace | No namespace | |
| Diagram |  | |
| Type | tns:ReferenceNumberFour | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | |
| Properties | content: | simple |
| Facets | maxInclusive | 4294967295 |

| | |
|-----------------|---|
| | minInclusive 0 |
| Source | <code><xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |


Element **tns:NmApplikationInstanz_ID_Type** / **kvp_ID**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="kvp_ID" type="ka:Organisation_ID" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element **tns:EFMProdukt_ID_Type** / **produktNummer**

| | | | | | | | |
|-----------------|---|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:ReferenceNumberTwo | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table> | content: | simple | minOccurs: | 0 | maxOccurs: | 1 |
| content: | simple | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | 1 | | | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 | | |
| maxInclusive | 65535 | | | | | | |
| minInclusive | 0 | | | | | | |
| Source | <code><xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element **tns:EFMProdukt_ID_Type** / **organisationID**

| | |
|----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |

| | | |
|-----------------|---|-------|
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="organisationID" type="ka:Organisation_ID" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:ASymSchluessel_ID_Type / signaturSchluessel

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:OctetString12 | |
| Properties | content: | simple |
| Facets | length | 12 |
| Source | <xs:element name="signaturSchluessel" type="ct:OctetString12" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:appNmTransaktionMAC_Type / appMAC_AH

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:OctetString8 | |
| Properties | content: | simple |
| Facets | length | 8 |
| Source | <xs:element name="appMAC_AH" type="ct:OctetString8" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:appNmTransaktionMAC_Type / appMAC_KVP

| | | |
|-----------------|---|--------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:OctetString8 | |
| Properties | content: | simple |
| Facets | length | 8 |
| Source | <xs:element name="appMAC_KVP" type="ct:OctetString8" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | |

Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID

| | | |
|------------|---|---------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:SymSchluessel_ID_Type | |
| Properties | content: | complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID | |

| | |
|-----------------|--|
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><appMAC_AH_Schluessel_ID> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </appMAC_AH_Schluessel_ID></pre> |
| Source | <code><xs:element name="appMAC_AH_Schluessel_ID" type="tns:SymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element **tns:appNmTransaktionMAC_Type** / **appMAC_KVP_Schluessel_ID**

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><appMAC_KVP_Schluessel_ID> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </appMAC_KVP_Schluessel_ID></pre> |
| Source | <code><xs:element name="appMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element **tns:TX_SMIT_Type** / **sperrAnforderungBezug**

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre><sperrAnforderungBezug> <transSequenznummer>{1,1}</transSequenznummer> <transSenderRolle>{1,1}</transSenderRolle> <transSender_ID>{1,1}</transSender_ID> </sperrAnforderungBezug></pre> |
| Source | <code><xs:element name="sperrAnforderungBezug" type="tns:IONTransaktion_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element **tns:TX_SMIT_Type** / **sperrEntscheidung**

| | |
|-----------|--------------|
| Namespace | No namespace |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:Mitteilung_CODE_Type |
| Properties | content: simple |
| Facets | enumeration 1 |
| | enumeration 2 |
| | enumeration 3 |
| | enumeration 4 |
| Source | <code><xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TX_SANF_Type / sperrSperrgrund

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:INT1 |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <code><xs:element name="sperrSperrgrund" type="ct:INT1" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TX_BER_Type / berGueltigkeitsbeginn

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:DateTimeCompact |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31T23:59:58 |
| | minInclusive 1990-01-01T00:00:00 |
| Source | <code><xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TX_BER_Type / berGueltigkeitsende


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:DateTimeCompact |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31T23:59:58 |
| | minInclusive 1990-01-01T00:00:00 |
| Source | <code><xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TX_BER_Type / prodAbrechnungsverfahren


| | |
|-----------|------------------------------------|
| Namespace | No namespace |
| Diagram | |
| Type | tns:Abrechnungsverfahren_CODE_Type |

| | | | |
|-----------------|--|--------|--------------|
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Abrechnungsverfahren_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Pre-Paid |
| | enumeration | 2 | Post-Paid |
| | enumeration | 3 | Trip-Paid |
| Source | <xs:element name="prodAbrechnungsverfahren" type="tns:Abrechnungsverfahren_CODE_Type" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Element tns:TX_BER_Type / berBezahlArt


| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:Bezahlart_CODE_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 <ul style="list-style-type: none"> tns:Bezahlart_CODE_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TX_BER_Type / berBezahlMittel


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:OctetString10 |
| Properties | content: simple |
| Facets | length 10 |
| Source | <code><xs:element name="berBezahlMittel" type="ct:OctetString10"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXA_Type / transAblehnungGrund


| | |
|-------------|--|
| Namespace | No namespace |
| Annotations | <p>WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst, getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen numerischen Typen versehen. Die genauen Fehlercodes sind der</p> |

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| | Schnittstelle des jeweiligen konkreten teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1' mit den jeweiligen Fehlercodes des Systems zu definieren. | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="transAblehnungGrund" type="ct:INT1"> <xs:annotation> <xs:documentation>WICHTIG: Aus Historischen Gruenden ist TXA_Type ein allgemeiner Typ, der von allen teilnehmenden Systemen genutzt wird. Das fuehrt dazu, dass sich alle Systeme dieselben 'transAblehnungGrund' Fehlercodes teilen. Dies ist suboptimal, da, wann immer sich einer der 'transAblehnungGrund' Fehlercodes veraendert, alle teilnehmenden Systeme angepasst, getestet und in einer neuen Version zur Verfuegung gestellt werden muessten. Um TXA wie bisher weiterverwenden zu koennen, und um das beschriebene Abhaengigkeitsproblem zu vermeiden, wurde dieses Feld nicht mit expliziter Aufzaehlung der moeglichen Fehlercodes, sondern mit einem simplen numerischen Typen versehen. Die genauen Fehlercodes sind der Schnittstelle des jeweiligen konkreten teilnehmenden Systems zu entnehmen. Die Codes 0 bis 9 (einschliesslich) sind fuer allgemeine Fehler reserviert und duerfen von den teilnehmenden Systemen nur fuer die vorgesehene Semantik verwendet werden (siehe Typ 'CommonServiceResultCode'). Es wird empfohlen, fuer die vollstaendigkeit der Schnittstelle, in den XSDs des jeweiligen Systems einen Aufzaehlungstypen vom Basistypen 'ct:INT1' mit den jeweiligen Fehlercodes des Systems zu definieren.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXAS_Type / transSendeAuftrag


| | | | | | | | |
|-----------------|--|-----------|---|-----------|----|---------|--------|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | content: simple | | | | | | |
| Facets | <table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>10</td></tr> <tr> <td>pattern</td><td>[-p]*</td></tr> </table> | minLength | 0 | maxLength | 10 | pattern | [-p]* |
| minLength | 0 | | | | | | |
| maxLength | 10 | | | | | | |
| pattern | [-p]* | | | | | | |
| Source | <pre><xs:element name="transSendeAuftrag"> <xs:simpleType> <xs:restriction base="tns:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="10"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | | | |

Element tns:TXAS_Type / transSendeAuftragstyp

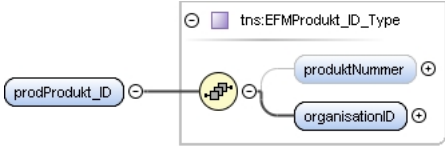
| | |
|----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:AuftragsTyp_CODE |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:INT1 • tns:AuftragsTyp_CODE |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <code><xs:element name="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

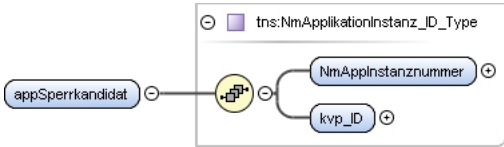
Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Date |
| Properties | content: simple |
| Source | <code><xs:element name="prodAkzeptanzEnde" type="ct:Date" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXDEABER_Req_Type / prodProdukt_ID

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Instance | <pre><prodProdukt_ID> <produktNummer>{0,1}</produktNummer> <organisationID>{1,1}</organisationID> </prodProdukt_ID></pre> |
| Source | <code><xs:element name="prodProdukt_ID" type="tns:EFMProdukt_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITA_Type / appSperrkandidat

| | |
|------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex nillable: false |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><appSperrkandidat> <NmAppInstanznummer>{1,1}</NmAppInstanznummer></pre> |

| | |
|-----------------|---|
| | <pre><kvp_ID>{1,1}</kvp_ID> </appSperrkandidat></pre> |
| Source | <pre><xs:element name="appSperrkandidat" type="tns:NmApplikationInstanz_ID_Type" nillable="false"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSANFSYMK_Type / keySperrkandidatsym

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym></pre> |
| Source | <pre><xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSANFASYMK_Type / keySperrkandidatasym

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym></pre> |
| Source | <pre><xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym

| | |
|------------|---------------------------|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |

| | |
|-----------------|--|
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym></pre> |
| Source | <code><xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSFREIMITASYMK_Type / keySperrkandidatsym

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatsym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatsym></pre> |
| Source | <code><xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITSYMK_Type / keySperrkandidatsym

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym></pre> |
| Source | <code><xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSMITASYMK_Type / keySperrkandidatsym

| | |
|-----------|--------------|
| Namespace | No namespace |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidat asym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidat asym></pre> |
| Source | <code><xs:element name="keySperrkandidat asym" type="tns:ASymSchluessel_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSNAWA_Req_Type / samSperrkandidat

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSNAWA_Req_Type / orgSperrkandidat

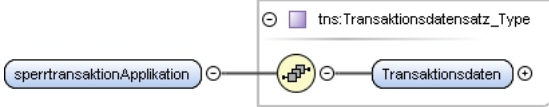
| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="orgSperrkandidat" type="ka:Organisation_ID"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSNAWA_Req_Type / zyklusNummer

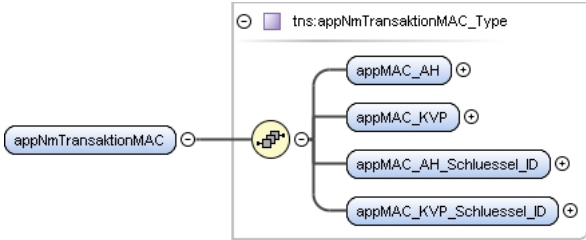
| | |
|-------------|--|
| Namespace | No namespace |
| Annotations | <p>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.</p> |

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Diagram |  | | | | |
| Type | tns:SperrlistenZyklusNummer_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:SperrlistenZyklusNummer_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>4294967295</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.</xs:documentation> </xs:annotation> </xs:element></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSNAWA_Req_Type / sperrrtransaktionApplikation


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><sperrrtransaktionApplikation> <Transaktionsdaten>{1,1}</Transaktionsdaten> </sperrrtransaktionApplikation></pre> |
| Source | <pre><xs:element name="sperrrtransaktionApplikation" type="tns:Transaktionsdatensatz_Type"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC


| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:appNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | appMAC_AH , appMAC_KVP , appMAC_AH_Schluesel_ID , appMAC_KVP_Schluesel_ID |
| Children | appMAC_AH, appMAC_AH_Schluesel_ID, appMAC_KVP, appMAC_KVP_Schluesel_ID |
| Instance | <pre><appNmTransaktionMAC> <appMAC_AH>{1,1}</appMAC_AH> <appMAC_KVP>{1,1}</appMAC_KVP> <appMAC_AH_Schluesel_ID>{1,1}</appMAC_AH_Schluesel_ID></pre> |

| | |
|-----------------|---|
| | <code><appMAC_KVP_Schluesssel_ID>{1,1}</appMAC_KVP_Schluesssel_ID> </appNmTransaktionMAC></code> |
| Source | <code><xs:element name="appNmTransaktionMAC" type="tns:appNmTransaktionMAC_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

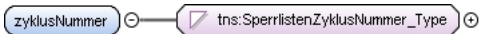
Element tns:TXSNAWB_Req_Type / samSperrkandidat

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="samSperrkandidat" type="tns:SAM_ID_Type" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSNAWB_Req_Type / orgSperrkandidat

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>65535</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="orgSperrkandidat" type="ka:Organisation_ID" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element tns:TXSNAWB_Req_Type / zyklusNummer

| | |
|----------------|---|
| Namespace | No namespace |
| Annotations | Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste. |
| Diagram |  |
| Type | tns:SperrlistenZyklusNummer_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:SperrlistenZyklusNummer_Type |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <pre><xs:element name="zyklusNummer" type="tns:SperrlistenZyklusNummer_Type"> <xs:annotation> <xs:documentation>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die SAM Liste, wenn orgSperrkandidat gesetzt ist, so bezieht sich der Zyklus auf die ORG Liste, ist nichts von beidem gesetzt, bezieht sich der Zyklus auf die NM Liste.</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |


Element tns:TXSNAWB_Req_Type / sperrrtransaktionBerechtigung

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | <pre> graph LR subgraph tns_Transaktionsdatensatz_Type [tns:Transaktionsdatensatz_Type] sperrrtransaktionBerechtigung --- Transaktionsdaten end </pre> |
| Type | tns:Transaktionsdatensatz_Type |
| Properties | content: complex |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |
| Instance | <pre><sperrrtransaktionBerechtigung> <Transaktionsdaten>{1,1}</Transaktionsdaten> </sperrrtransaktionBerechtigung></pre> |
| Source | <pre><xs:element name="sperrrtransaktionBerechtigung" type="tns:Transaktionsdatensatz_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |


Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | <pre> graph LR subgraph tns_berNmTransaktionMAC_Type [tns:berNmTransaktionMAC_Type] berNmTransaktionMAC --- berMAC_PV berNmTransaktionMAC --- berMAC_KVP berNmTransaktionMAC --- berMAC_PV_Schlüssel_ID berNmTransaktionMAC --- berMAC_KVP_Schlüssel_ID end </pre> |
| Type | tns:berNmTransaktionMAC_Type |
| Properties | content: complex |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| Instance | <pre><berNmTransaktionMAC> <berMAC_PV>{1,1}</berMAC_PV> <berMAC_KVP>{1,1}</berMAC_KVP> <berMAC_PV_Schlüssel_ID>{1,1}</berMAC_PV_Schlüssel_ID> <berMAC_KVP_Schlüssel_ID>{1,1}</berMAC_KVP_Schlüssel_ID> </berNmTransaktionMAC></pre> |
| Source | <pre><xs:element name="berNmTransaktionMAC" type="tns:berNmTransaktionMAC_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:VX_Message_Type / StatusCode

| | | | |
|-----------------|--|--------|---|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:StatusCode | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:StatusCode | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor. |
| | enumeration | 1 | Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden. |
| | enumeration | 2 | Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde. |
| | enumeration | 3 | Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt. |
| | enumeration | 4 | Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden. |
| | enumeration | 5 | Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit. |
| | enumeration | 6 | Die asynchrone Nachricht kann nicht zwischengespeichert werden. |
| | enumeration | 7 | Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle nicht bekannt. |
| | enumeration | 255 | Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden. |
| Source | <xs:element name="StatusCode" type="tns:StatusCode" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd | | |

Element tns:VX_Message_Type / StatusText

| | | | |
|-----------------|--|--------|--|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:StatusText | | |
| Properties | content: | simple | |
| Facets | maxLength | 255 | |
| Source | <xs:element name="StatusText" type="tns:StatusText" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd | | |