

Schema documentation for XML- Schema_RVS.xsd

november 12, 2021

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Resource hierarchy:

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

XML-Schema_RVS.xsd

- ✚ XML-Schema_Common_Types.xsd
- ✚ XML-Schema_KA_Common.xsd
 - ✚ XML-Schema_Common_Types.xsd
- ✚ XML-Schema_ION.xsd
 - ✚ XML-Schema_Common_Types.xsd
 - ✚ XML-Schema_KA_Common.xsd
 - ✚ XML-Schema_Common_Types.xsd
- ✚ XML-Schema_KOSE_Types.xsd
 - ✚ XML-Schema_Common_Types.xsd
 - ✚ XML-Schema_KA_Common.xsd
 - ✚ XML-Schema_Common_Types.xsd
 - ✚ XML-Schema_ION.xsd
 - ✚ XML-Schema_Common_Types.xsd
 - ✚ XML-Schema_KA_Common.xsd
 - ✚ XML-Schema_Common_Types.xsd

Namespace: "http://vdv/ka/rvs/1"

Schema(s)

Main schema XML-Schema_RVS.xsd

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Properties | attribute form default: unqualified |
| | element form default: qualified |
| | 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/rvs/1/XML-Schema_RVS.xsd |

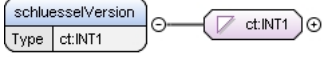
Element(s)

Element tns:Schluessel_ID_Type / tns:schluesselNummer

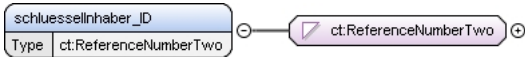
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:INT1 |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <xs:element name="schluesselNummer" type="ct:INT1" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:Schluessel_ID_Type / tns:schluesselVersion

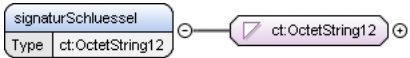
| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/rvs/1 |
|-----------|---------------------|

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| 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/rvs/1/XML-Schema_RVS.xsd | | | | |

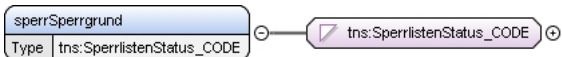
Element **tns:schluessel_ID_Type** / **tns:schluesselInhaber_ID**

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| 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="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/rvs/1/XML-Schema_RVS.xsd | | | | |

Element **tns:signaturSchluessel_ID_Type** / **tns:signaturSchluessel**

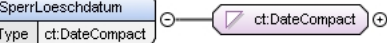
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  |
| Type | tns:OctetString12 |
| Properties | content: simple |
| Facets | length 12 |
| Source | <code><xs:element name="signaturSchluessel" type="ct:OctetString12" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TX_SAUF_Type** / **tns:sperrSperrgrund**

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  |
| Type | tns:SperrlistenStatus_CODE |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SperrlistenStatus_CODE |
| Properties | content: simple |

| | | | |
|-----------------|---|-----|--|
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | KA: Not Specified (All) |
| | enumeration | 1 | EN 1545: Undefined (All) |
| | enumeration | 2 | EN 1545: Stolen (Application/Usermedium/SAM) |
| | enumeration | 3 | EN 1545: Lost (Application/Usermedium/SAM) |
| | enumeration | 13 | KA: Payment delay (Entitlement) |
| | enumeration | 14 | KA: Certificate revocation (Application/SAM) |
| | enumeration | 15 | KA: Offence against terms of carriage (Application/Entitlement) |
| | enumeration | 16 | KA: Breach of participation contract (Company) |
| | enumeration | 17 | KA: Employment of non-certified components (Company) |
| | enumeration | 18 | KA: Breach of payment conditions (Company) |
| | enumeration | 19 | KA: Offense against ION rules (Company) |
| | enumeration | 20 | KA: Inconsistent transactions of ION participant (Company) |
| | enumeration | 21 | KA: Contract termination (Company) |
| | enumeration | 22 | KA: Defect usermedium (Application/Usermedium) |
| | enumeration | 23 | KA: Company ID no longer supported (Company) |
| | enumeration | 24 | KA: Compromised / abused key (Key) |
| | enumeration | 25 | KA: Application not returned after contract termination (Application) |
| | enumeration | 26 | KA: Referenced product was deactivated (Entitlement) |
| | enumeration | 27 | KA: Application or entitlement with the same ID already exists (Application/Entitlement) |
| | enumeration | 30 | KA: Usermedium/application which contains entitlements of a secondary customer contract partner (CCP) was replaced (Application/Entitlement) |
| Source | <xs:element name="sperrSperrgrund" type="tns:SperrlistenStatus_CODE"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

Element tns:TX_SAUF_Type / tns:SperrLoeschdatum

| | | | |
|-----------------|---|------------|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram |  | | |
| Type | tns:DateCompact | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 2117-12-31 | |
| | minInclusive | 1990-01-01 | |
| Source | <xs:element name="SperrLoeschdatum" type="ct:DateCompact"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

Element tns:TX_SAUF_Type / tns:sperrModus

| | | | |
|-----------|---------------------|--|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram | | | |
| Type | tns:SperrModus_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:SperrModus_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Sperrung der Applikation oder Berechtigung ohne Einzug des Nutzermediums |
| | enumeration | 1 | Sperrung der gesamten Applikation mit Einzug des Nutzermediums |
| | enumeration | 2 | Temporaere Berechtigungssperre (keine Statusaenderung vornehmen, aber Akzeptanz ablehnen) |
| Source | <xs:element name="sperrModus" type="kt:SperrModus_Type" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

Element tns:TXSANFK_Type / tns:keySperrkandidatsym

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:Schlüssel_ID_Type |
| Properties | content: complex |
| Model | tns:schlüsselNummer , tns:schlüsselVersion , tns:schlüsselInhaber_ID |
| Children | tns:schlüsselInhaber_ID, tns:schlüsselNummer, tns:schlüsselVersion |
| Instance | <pre><tns:keySperrkandidatsym xmlns:tns="http://vdv/ka/rvs/1"> <tns:schlüsselNummer>{1,1}</tns:schlüsselNummer> <tns:schlüsselVersion>{1,1}</tns:schlüsselVersion> <tns:schlüsselInhaber_ID>{1,1}</tns:schlüsselInhaber_ID> </tns:keySperrkandidatsym></pre> |
| Source | <code><xs:element name="keySperrkandidatsym" type="tns:Schlüssel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXSANFK_Type / tns:keySperrkandidataSym

| | |
|------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:SignaturSchlüssel_ID_Type |
| Properties | content: complex |
| Model | tns:signaturSchlüssel |
| Children | tns:signaturSchlüssel |
| Instance | <pre><tns:keySperrkandidataSym xmlns:tns="http://vdv/ka/rvs/1"> <tns:signaturSchlüssel>{1,1}</tns:signaturSchlüssel> </tns:keySperrkandidataSym></pre> |

| | |
|-----------------|---|
| | <code></tns:keySperrkandidataSym></code> |
| Source | <code><xs:element name="keySperrkandidataSym" type="tns:SignaturSchluessel_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element `tns:TXSAUFK_Type` / `tns:txsauf`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:TX_SAUF_Type |
| Properties | content: complex |
| Model | tns:sperrSperrgrund , tns:SperrLoeschdatum , tns:sperrModus |
| Children | tns:SperrLoeschdatum, tns:sperrModus, tns:sperrSperrgrund |
| Instance | <pre><tns:txsauf xmlns:tns="http://vdv/ka/rvs/1"> <tns:sperrSperrgrund>{1,1}</tns:sperrSperrgrund> <tns:SperrLoeschdatum>{1,1}</tns:SperrLoeschdatum> <tns:sperrModus>{1,1}</tns:sperrModus> </tns:txsauf></pre> |
| Source | <code><xs:element name="txsauf" type="tns:TX_SAUF_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element `tns:TXSAUFK_Type` / `tns:keySperrkandidatsym`

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

Element `tns:TXSAUFK_Type` / `tns:keySperrkandidataSym`

| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/rvs/1 |
|-----------|---------------------|

| | |
|-----------------|--|
| Diagram | |
| Type | tns:SignaturSchluessel_ID_Type |
| Properties | content: complex |
| Model | tns:signaturSchluessel |
| Children | tns:signaturSchluessel |
| Instance | <pre><tns:keySperrkandidataSym xmlns:tns="http://vdv/ka/rvs/1"> <tns:signaturSchluessel>{1,1}</tns:signaturSchluessel> </tns:keySperrkandidataSym></pre> |
| Source | <pre><xs:element name="keySperrkandidataSym" type="tns:SignaturSchluessel_ID_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASAMDL_Type / tns:transSendeLetzteListe

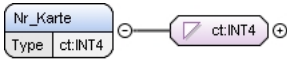
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:ReferenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour |
| Properties | content: simple nillable: true |
| Facets | maxInclusive 4294967295 minInclusive 0 |
| Source | <pre><xs:element name="transSendeLetzteListe" type="ct:ReferenceNumberFour" nillable="true" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:NmApplikationInstanz_ID

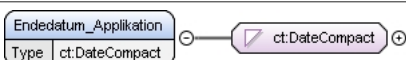
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:NmApplikationInstanz_ID xmlns:tns="http://vdv/ka/rvs/1"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:NmApplikationInstanz_ID></pre> |
| Source | <pre><xs:element name="NmApplikationInstanz_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:Nr_Karte


| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/rvs/1 |
|-----------|---------------------|

| | |
|-----------------|--|
| Diagram |  The diagram shows a box labeled 'Nr_Karte' with 'Type' and 'ct:INT4' below it. A line connects this box to a purple box labeled 'ct:INT4' with a checkmark icon and a circle containing a plus sign. |
| Type | tns:INT4 |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 minInclusive 0 |
| Source | <code><xs:element name="Nr_Karte" type="ct:INT4"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:Endedatum_Applikation

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'Endedatum_Applikation' with 'Type' and 'ct:DateCompact' below it. A line connects this box to a purple box labeled 'ct:DateCompact' with a checkmark icon and a circle containing a plus sign. |
| Type | tns:DateCompact |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31 minInclusive 1990-01-01 |
| Source | <code><xs:element name="Endedatum_Applikation" type="ct:DateCompact"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:appStatus_code

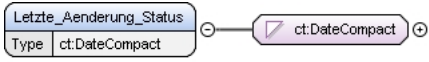
| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'appStatus_code' with 'Type' and 'ct:INT1' below it. A line connects this box to a purple box labeled 'ct:INT1' with a checkmark icon and a circle containing a plus sign. |
| Type | tns:INT1 |
| Properties | content: simple |
| Facets | maxInclusive 255 minInclusive 0 |
| Source | <code><xs:element name="appStatus_code" 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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:appSynchronNummer

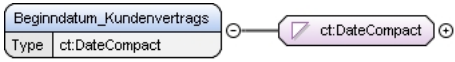
| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'appSynchronNummer' with 'Type' and 'ct:SequenceNumberOne' below it. A line connects this box to a purple box labeled 'ct:SequenceNumberOne' with a checkmark icon and a circle containing a plus sign. |
| Type | tns:SequenceNumberOne |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SequenceNumberOne |
| Properties | content: simple |
| Facets | maxInclusive 255 minInclusive 0 |

| | |
|-----------------|---|
| Source | <code><xs:element name="appSynchronNummer" type="ct:SequenceNumberOne" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |


Element `tns:TXKD_Type` / `tns:Letzte_Aenderung_Status`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'Letzte_Aenderung_Status' with 'Type' and 'ct.DateCompact' below it. A line connects this box to a purple box labeled 'ct.DateCompact' with a circle and a plus sign on the right. |
| Type | <code>tns:DateCompact</code> |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31 |
| | minInclusive 1990-01-01 |
| Source | <code><xs:element name="Letzte_Aenderung_Status" type="ct:DateCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

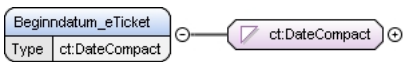
Element `tns:TXKD_Type` / `tns:Beginndatum_Kundenvertrags`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'Beginndatum_Kundenvertrags' with 'Type' and 'ct.DateCompact' below it. A line connects this box to a purple box labeled 'ct.DateCompact' with a circle and a plus sign on the right. |
| Type | <code>tns:DateCompact</code> |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31 |
| | minInclusive 1990-01-01 |
| Source | <code><xs:element name="Beginndatum_Kundenvertrags" type="ct:DateCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element `tns:TXKD_Type` / `tns:Endedatum_Kundenvertrags`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'Endedatum_Kundenvertrags' with 'Type' and 'ct.DateCompact' below it. A line connects this box to a purple box labeled 'ct.DateCompact' with a circle and a plus sign on the right. |
| Type | <code>tns:DateCompact</code> |
| Properties | content: simple |
| Facets | maxInclusive 2117-12-31 |
| | minInclusive 1990-01-01 |
| Source | <code><xs:element name="Endedatum_Kundenvertrags" type="ct:DateCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element `tns:TXKD_Type` / `tns:Beginndatum_eTicket`

| | |
|------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  The diagram shows a box labeled 'Beginndatum_eTicket' with 'Type' and 'ct.DateCompact' below it. A line connects this box to a purple box labeled 'ct.DateCompact' with a circle and a plus sign on the right. |
| Type | <code>tns:DateCompact</code> |
| Properties | content: simple |

| | | |
|-----------------|---|------------|
| Facets | maxInclusive | 2117-12-31 |
| | minInclusive | 1990-01-01 |
| Source | <xs:element name="Beginndatum_eTicket" type="ct:DateCompact"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Endedatum_eTicket

| | | |
|-----------------|---|------------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram | | |
| Type | tns:DateCompact | |
| Properties | content: | simple |
| Facets | maxInclusive | 2117-12-31 |
| | minInclusive | 1990-01-01 |
| Source | <xs:element name="Endedatum_eTicket" type="ct:DateCompact"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Geschlecht

| | | |
|-----------------|---|--|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram | | |
| Type | tns:BitString8 | |
| Properties | content: | simple |
| Facets | length | 8 |
| | pattern | [0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1] |
| Source | <xs:element name="Geschlecht" type="ct:BitString8"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Vorname

| | | |
|----------------|--|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram | | |
| Type | restriction of tns:PrintableString | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | |
| Properties | content: | simple |
| Facets | minLength | 0 |
| | maxLength | 20 |
| | pattern | [-p]* |
| Source | <pre><xs:element name="Vorname"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="20"/> </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/rvs/1/XML-Schema_RVS.xsd |
|-----------------|---|

Element **tns:TXKD_Type** / **tns:Nachname**

| | | | | | | | |
|-----------------|---|-----------|---|-----------|----|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| 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>40</td></tr> <tr> <td>pattern</td><td>[-p]*</td></tr> </table> | minLength | 0 | maxLength | 40 | pattern | [-p]* |
| minLength | 0 | | | | | | |
| maxLength | 40 | | | | | | |
| pattern | [-p]* | | | | | | |
| Source | <pre><xs:element name="Nachname"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element **tns:TXKD_Type** / **tns:Geburtsdatum**

| | | | | | |
|-----------------|---|--------------|------------|--------------|------------|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram | | | | | |
| Type | tns:DateCompact | | | | |
| Properties | content: simple | | | | |
| 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:element name="Geburtsdatum" type="ct:DateCompact"/></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | | | |

Element **tns:TXKD_Type** / **tns:Wohnhaft_bei**

| | | | | | | | |
|----------------|---|-----------|--------|-----------|------|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| Facets | <table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>40</td></tr> <tr> <td>pattern</td><td>[-p]*</td></tr> </table> | minLength | 0 | maxLength | 40 | pattern | [-p]* |
| minLength | 0 | | | | | | |
| maxLength | 40 | | | | | | |
| pattern | [-p]* | | | | | | |

| | |
|-----------------|---|
| Source | <pre><xs:element name="Wohnhaft_bei" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </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/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type** / **tns:Strasse_bei**

| | | | | | | | |
|-----------------|--|-----------|--------|-----------|------|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| Facets | <table> <tr><td>minLength</td><td>0</td></tr> <tr><td>maxLength</td><td>40</td></tr> <tr><td>pattern</td><td>[-þ]*</td></tr> </table> | minLength | 0 | maxLength | 40 | pattern | [-þ]* |
| minLength | 0 | | | | | | |
| maxLength | 40 | | | | | | |
| pattern | [-þ]* | | | | | | |
| Source | <pre><xs:element name="Strasse_bei" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element **tns:TXKD_Type** / **tns:Hausnummer**

| | | | | | |
|-----------------|---|--------------|--------|--------------|---|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram | | | | | |
| Type | tns:INT2 | | | | |
| 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="Hausnummer" 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/rvs/1/XML-Schema_RVS.xsd | | | | |

Element **tns:TXKD_Type** / **tns:Zusatz_Hausnummer**

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | restriction of tns:PrintableString |
| Type hierarchy | <ul style="list-style-type: none"> xs:string |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:PrintableString |
| Properties | content: simple |
| | nillable: true |
| Facets | minLength 0 |
| | maxLength 1 |
| | pattern [-p]* |
| Source | <pre><xs:element name="Zusatz_Hausnummer" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="1"/> </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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:Postleitzahl

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | restriction of tns:PrintableString |
| Type hierarchy | <ul style="list-style-type: none"> • xs:string • tns:PrintableString |
| Properties | content: simple |
| Facets | minLength 0 |
| | maxLength 5 |
| | pattern [-p]* |
| Source | <pre><xs:element name="Postleitzahl"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="5"/> </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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXKD_Type / tns:Wohnort

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | restriction of tns:PrintableString |
| Type hierarchy | <ul style="list-style-type: none"> • xs:string • tns:PrintableString |
| Properties | content: simple |
| Facets | minLength 0 |
| | maxLength 40 |
| | pattern [-p]* |
| Source | <pre><xs:element name="Wohnort"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |

| | |
|-----------------|---|
| | <pre> <xs:maxLength value="40" /> </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/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type** / **tns:Ggf_Postfach**

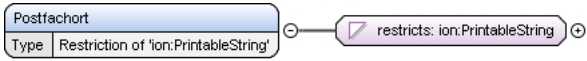
| | | | | | | | |
|-----------------|---|-----------|--------|-----------|------|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| 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="Ggf_Postfach" nillable="true"> <xs:simpleType> <xs:restriction base="ion: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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element **tns:TXKD_Type** / **tns:Ggf_PLZ_Postfachs**


| | | | | | | | |
|-----------------|---|-----------|--------|-----------|------|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| Facets | <table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>5</td></tr> <tr> <td>pattern</td><td>[-p]*</td></tr> </table> | minLength | 0 | maxLength | 5 | pattern | [-p]* |
| minLength | 0 | | | | | | |
| maxLength | 5 | | | | | | |
| pattern | [-p]* | | | | | | |
| Source | <pre> <xs:element name="Ggf_PLZ_Postfachs" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="5" /> </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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element **tns:TXKD_Type** / **tns:Postfachort**


| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/rvs/1 |
|-----------|---------------------|

| | | | | | | | |
|-----------------|--|-----------|--------|-----------|------|---------|--------|
| Diagram |  | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| Facets | <table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>40</td></tr> <tr> <td>pattern</td><td>[-þ]*</td></tr> </table> | minLength | 0 | maxLength | 40 | pattern | [-þ]* |
| minLength | 0 | | | | | | |
| maxLength | 40 | | | | | | |
| pattern | [-þ]* | | | | | | |
| Source | <pre><xs:element name="Postfachort" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="40"/> </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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element tns:TXKD_Type / tns:Telefon_privat

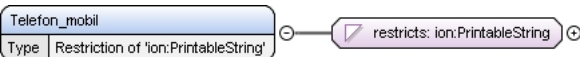
| | | | | | | | |
|-----------------|---|-----------|--------|-----------|------|---------|--------|
| Namespace | http://vdv/ka/rvs/1 | | | | | | |
| Diagram |  | | | | | | |
| Type | restriction of tns:PrintableString | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true | | |
| content: | simple | | | | | | |
| nillable: | true | | | | | | |
| Facets | <table> <tr> <td>minLength</td><td>0</td></tr> <tr> <td>maxLength</td><td>20</td></tr> <tr> <td>pattern</td><td>[-þ]*</td></tr> </table> | minLength | 0 | maxLength | 20 | pattern | [-þ]* |
| minLength | 0 | | | | | | |
| maxLength | 20 | | | | | | |
| pattern | [-þ]* | | | | | | |
| Source | <pre><xs:element name="Telefon_privat" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="20"/> </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/rvs/1/XML-Schema_RVS.xsd | | | | | | |

Element tns:TXKD_Type / tns:Telefon_geschaefentlich

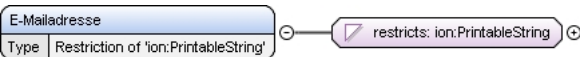
| | | | |
|----------------|--|----------|--------|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram |  | | |
| Type | restriction of tns:PrintableString | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |

| | | |
|-----------------|---|--------|
| | nillable: | true |
| Facets | minLength | 0 |
| | maxLength | 20 |
| | pattern | [-p]* |
| Source | <pre><xs:element name="Telefon_geschaefftlich" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="20"/> </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/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Telefon_mobil

| | | |
|-----------------|--|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | restriction of tns:PrintableString | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | |
| Properties | content: | simple |
| | nillable: | true |
| Facets | minLength | 0 |
| | maxLength | 20 |
| | pattern | [-p]* |
| Source | <pre><xs:element name="Telefon_mobil" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> <xs:maxLength value="20"/> </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/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:E-Mailadresse

| | | |
|----------------|---|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | restriction of tns:PrintableString | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | |
| Properties | content: | simple |
| | nillable: | true |
| Facets | minLength | 0 |
| | maxLength | 40 |
| | pattern | [-p]* |
| Source | <pre><xs:element name="E-Mailadresse" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | |

| | |
|-----------------|---|
| | <pre> <xs:maxLength value="40"/> </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/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type / tns:Zustimmung_zur_Kundenansprache_tel**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:Flag_CODE |
| Properties | content: simple |
| Facets | maxInclusive 1 minInclusive 0 |
| Source | <pre><xs:element name="Zustimmung_zur_Kundenansprache_tel" type="tns:Flag_CODE"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type / tns:Zustimmung_zur_Kundenansprache_mail**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:Flag_CODE |
| Properties | content: simple |
| Facets | maxInclusive 1 minInclusive 0 |
| Source | <pre><xs:element name="Zustimmung_zur_Kundenansprache_mail" type="tns:Flag_CODE"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type / tns:Zustimmung_zur_Kundenansprache_mobil**

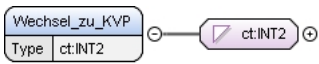
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:Flag_CODE |
| Properties | content: simple |
| Facets | maxInclusive 1 minInclusive 0 |
| Source | <pre><xs:element name="Zustimmung_zur_Kundenansprache_mobil" type="tns:Flag_CODE"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXKD_Type / tns:Wechsel_von_KVP**

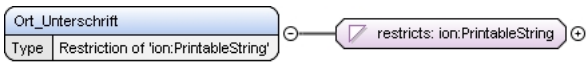
| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram | |
| Type | tns:INT2 |

| | | |
|-----------------|---|--------|
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="Wechsel_von_KVP" type="ct:INT2" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

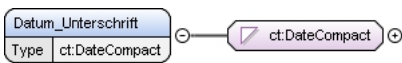
Element tns:TXKD_Type / tns:Wechsel_zu_KVP

| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | tns:INT2 | |
| Properties | content: | simple |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="Wechsel_zu_KVP" type="ct:INT2" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Ort_Unterschrift

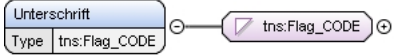
| | | |
|-----------------|---|----------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | restriction of tns:PrintableString | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:PrintableString | |
| Properties | content: | simple |
| Facets | minLength | 0 |
| | maxLength | 40 |
| | pattern | [-p] * |
| Source | <pre><xs:element name="Ort_Unterschrift"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="40" /> </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/rvs/1/XML-Schema_RVS.xsd | |

Element tns:TXKD_Type / tns:Datum_Unterschrift

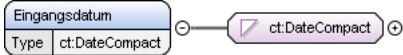
| | | |
|------------|---|------------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | tns:DateCompact | |
| Properties | content: | simple |
| Facets | maxInclusive | 2117-12-31 |
| | minInclusive | 1990-01-01 |

| | |
|-----------------|---|
| Source | <code><xs:element name="Datum_Unterschrift" type="ct:DateCompact" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

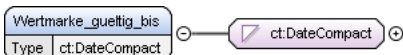
Element **tns:TXKD_Type** / **tns:Unterschrift**

| | | | | | |
|-----------------|---|--------------|---|--------------|---|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram |  | | | | |
| Type | tns:Flag_CODE | | | | |
| Properties | content: simple | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>1</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 1 | minInclusive | 0 |
| maxInclusive | 1 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="Unterschrift" type="tns:Flag_CODE" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | | | |


Element **tns:TXKD_Type** / **tns:Eingangsdatum**

| | | | | | |
|-----------------|---|--------------|------------|--------------|------------|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram |  | | | | |
| Type | tns:DateCompact | | | | |
| Properties | content: simple | | | | |
| 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 | <code><xs:element name="Eingangsdatum" type="ct:DateCompact" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | | | |

Element **tns:TXKD_Type** / **tns:Wertmarke_gueltig_bis**

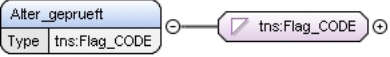
| | | | | | |
|-----------------|---|--------------|------------|--------------|------------|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram |  | | | | |
| Type | tns:DateCompact | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table> | content: | simple | nillable: | true |
| content: | simple | | | | |
| nillable: | true | | | | |
| 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 | <code><xs:element name="Wertmarke_gueltig_bis" type="ct:DateCompact" nillable="true" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | | | |

Element **tns:TXKD_Type** / **tns:Wertmarke_verkuerzt_auf**

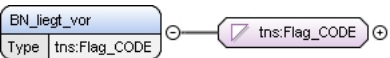
| | |
|-----------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Diagram |  |
| Type | tns:DateCompact |

| | | |
|-----------------|---|------------|
| Properties | content: | simple |
| | nillable: | true |
| Facets | maxInclusive | 2117-12-31 |
| | minInclusive | 1990-01-01 |
| Source | <xs:element name="Wertmarke_verkuerzt_auf" type="ct:DateCompact" nillable="true"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |

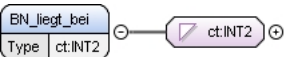
Element **tns:TXKD_Type** / **tns:Alter_geprueft**

| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | tns:Flag_CODE | |
| Properties | content: | simple |
| | nillable: | true |
| Facets | maxInclusive | 1 |
| | minInclusive | 0 |
| Source | <xs:element name="Alter_geprueft" type="tns:Flag_CODE" nillable="true"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |


Element **tns:TXKD_Type** / **tns:BN_liegt_vor**

| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | tns:Flag_CODE | |
| Properties | content: | simple |
| | nillable: | true |
| Facets | maxInclusive | 1 |
| | minInclusive | 0 |
| Source | <xs:element name="BN_liegt_vor" type="tns:Flag_CODE" nillable="true"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |


Element **tns:TXKD_Type** / **tns:BN_liegt_bei**

| | | |
|-----------------|---|--------|
| Namespace | http://vdv/ka/rvs/1 | |
| Diagram |  | |
| Type | tns:INT2 | |
| Properties | content: | simple |
| | nillable: | true |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <xs:element name="BN_liegt_bei" type="ct:INT2" nillable="true"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | |


Element **tns:TXKD_Type / tns:Verlaengerungswertmarke_einbehalten**

| | | | |
|-----------------|---|--------|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram |  | | |
| Type | tns:Flag_CODE | | |
| Properties | content: | simple | |
| | nillable: | true | |
| Facets | maxInclusive | 1 | |
| | minInclusive | 0 | |
| Source | <xs:element name="Verlaengerungswertmarke_einbehalten" type="tns:Flag_CODE" nillable="true"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

Element **tns:TXKD_Type / tns:Bankverbindung_geprueft**

| | | | |
|-----------------|---|--------|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram |  | | |
| Type | tns:Flag_CODE | | |
| Properties | content: | simple | |
| | nillable: | true | |
| Facets | maxInclusive | 1 | |
| | minInclusive | 0 | |
| Source | <xs:element name="Bankverbindung_geprueft" type="tns:Flag_CODE" nillable="true"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

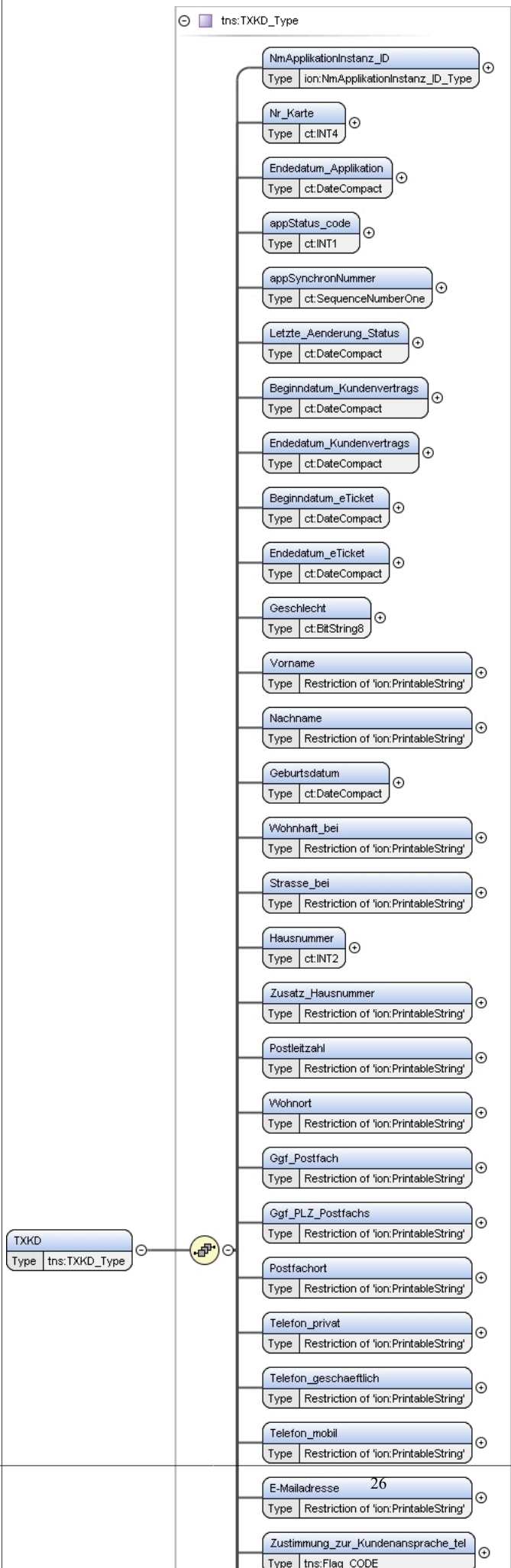
Element **tns:TXKD_Type / tns:Zertifikat_Servicestelle**

| | | | |
|-----------------|---|--------|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Diagram |  | | |
| Type | tns:INT2 | | |
| Properties | content: | simple | |
| | nillable: | true | |
| Facets | maxInclusive | 65535 | |
| | minInclusive | 0 | |
| Source | <xs:element name="Zertifikat_Servicestelle" type="ct:INT2" nillable="true"/> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd | | |

Element **tns:TXKD**

| | | | |
|-------------|-----------------------------------|--|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Annotations | Element: Kundendaten uebermitteln | | |

Diagram



| | |
|-----------------|---|
| Type | tns:TXKD_Type |
| Properties | content: complex |
| Model | tns:NmApplikationInstanz_ID , tns:Nr_Karte , tns:Endedatum_Applikation , tns:appStatus_code , tns:appSynchronNummer , tns:Letzte_Aenderung_Status , tns:Beginndatum_Kundenvertrags , tns:Endedatum_Kundenvertrags , tns:Beginndatum_eTicket , tns:Endedatum_eTicket , tns:Geschlecht , tns:Vorname , tns:Nachname , tns:Geburtsdatum , tns:Wohnhaft_bei , tns:Strasse_bei , tns:Hausnummer , tns:Zusatz_Hausnummer , tns:Postleitzahl , tns:Wohnort , tns:Ggf_Postfach , tns:Ggf_PLZ_Postfachs , tns:Postfachort , tns:Telefon_privat , tns:Telefon_geschaefftlich , tns:Telefon_mobil , tns:E-Mailadresse , tns:Zustimmung_zur_Kundenansprache_tel , tns:Zustimmung_zur_Kundenansprache_mail , tns:Zustimmung_zur_Kundenansprache_mobil , tns>Wechsel_von_KVP , tns>Wechsel_zu_KVP , tns:Ort_Unterschrift , tns:Datum_Unterschrift , tns:Unterschrift , tns:Eingangsdatum , tns:Wertmarke_gueltig_bis , tns:Wertmarke_verkuerzt_auf , tns:Alter_geprueft , tns:BN_liegt_vor , tns:BN_liegt_bei , tns:Verlaengerungswertmarke_einbehalten , tns:Bankverbindung_geprueft , tns:Zertifikat_Servicestelle |
| Children | tns:Alter_geprueft , tns:BN_liegt_bei , tns:BN_liegt_vor , tns:Bankverbindung_geprueft , tns:Beginndatum_Kundenvertrags , tns:Beginndatum_eTicket , tns:Datum_Unterschrift , tns:E-Mailadresse , tns:Eingangsdatum , tns:Endedatum_Applikation , tns:Endedatum_Kundenvertrags , tns:Endedatum_eTicket , tns:Geburtsdatum , tns:Geschlecht , tns:Ggf_PLZ_Postfachs , tns:Ggf_Postfach , tns:Hausnummer , tns:Letzte_Aenderung_Status , tns:Nachname , tns:NmApplikationInstanz_ID , tns:Nr_Karte , tns:Ort_Unterschrift , tns:Postfachort , tns:Postleitzahl , tns:Strasse_bei , tns:Telefon_geschaefftlich , tns:Telefon_mobil , tns:Telefon_privat , tns:Unterschrift , tns:Verlaengerungswertmarke_einbehalten , tns:Vorname , tns>Wechsel_von_KVP , tns>Wechsel_zu_KVP , tns:Wertmarke_gueltig_bis , tns:Wertmarke_verkuerzt_auf , tns:Wohnhaft_bei , tns:Wohnort , tns:Zertifikat_Servicestelle , tns:Zusatz_Hausnummer , tns:Zustimmung_zur_Kundenansprache_mail , tns:Zustimmung_zur_Kundenansprache_mobil , tns:Zustimmung_zur_Kundenansprache_tel , tns:appStatus_code , tns:appSynchronNummer |
| Instance | <pre> <tns:TXKD xmlns:tns="http://vdv/ka/rvs/1"> <tns:NmApplikationInstanz_ID>{1,1}</tns:NmApplikationInstanz_ID> <tns:Nr_Karte>{1,1}</tns:Nr_Karte> <tns:Endedatum_Applikation>{1,1}</tns:Endedatum_Applikation> <tns:appStatus_code>{1,1}</tns:appStatus_code> <tns:appSynchronNummer>{1,1}</tns:appSynchronNummer> <tns:Letzte_Aenderung_Status>{1,1}</tns:Letzte_Aenderung_Status> <tns:Beginndatum_Kundenvertrags>{1,1}</tns:Beginndatum_Kundenvertrags> <tns:Endedatum_Kundenvertrags>{1,1}</tns:Endedatum_Kundenvertrags> <tns:Beginndatum_eTicket>{1,1}</tns:Beginndatum_eTicket> <tns:Endedatum_eTicket>{1,1}</tns:Endedatum_eTicket> <tns:Geschlecht>{1,1}</tns:Geschlecht> <tns:Vorname>{1,1}</tns:Vorname> <tns:Nachname>{1,1}</tns:Nachname> <tns:Geburtsdatum>{1,1}</tns:Geburtsdatum> <tns:Wohnhaft_bei>{1,1}</tns:Wohnhaft_bei> <tns:Strasse_bei>{1,1}</tns:Strasse_bei> <tns:Hausnummer>{1,1}</tns:Hausnummer> <tns:Zusatz_Hausnummer>{1,1}</tns:Zusatz_Hausnummer> <tns:Postleitzahl>{1,1}</tns:Postleitzahl> <tns:Wohnort>{1,1}</tns:Wohnort> <tns:Ggf_Postfach>{1,1}</tns:Ggf_Postfach> <tns:Ggf_PLZ_Postfachs>{1,1}</tns:Ggf_PLZ_Postfachs> <tns:Postfachort>{1,1}</tns:Postfachort> <tns:Telefon_privat>{1,1}</tns:Telefon_privat> <tns:Telefon_geschaefftlich>{1,1}</tns:Telefon_geschaefftlich> <tns:Telefon_mobil>{1,1}</tns:Telefon_mobil> <tns:E-Mailadresse>{1,1}</tns:E-Mailadresse> <tns:Zustimmung_zur_Kundenansprache_tel>{1,1}</tns:Zustimmung_zur_Kundenansprache_tel> <tns:Zustimmung_zur_Kundenansprache_mail>{1,1}</tns:Zustimmung_zur_Kundenansprache_mail> <tns:Zustimmung_zur_Kundenansprache_mobil>{1,1}</tns:Zustimmung_zur_Kundenansprache_mobil> <tns>Wechsel_von_KVP>{1,1}</tns>Wechsel_von_KVP> <tns>Wechsel_zu_KVP>{1,1}</tns>Wechsel_zu_KVP> <tns:Ort_Unterschrift>{1,1}</tns:Ort_Unterschrift> <tns:Datum_Unterschrift>{1,1}</tns:Datum_Unterschrift> <tns:Unterschrift>{1,1}</tns:Unterschrift> <tns:Eingangsdatum>{1,1}</tns:Eingangsdatum> <tns:Wertmarke_gueltig_bis>{1,1}</tns:Wertmarke_gueltig_bis> <tns:Wertmarke_verkuerzt_auf>{1,1}</tns:Wertmarke_verkuerzt_auf> <tns:Alter_geprueft>{1,1}</tns:Alter_geprueft> <tns:BN_liegt_vor>{1,1}</tns:BN_liegt_vor> <tns:BN_liegt_bei>{1,1}</tns:BN_liegt_bei> <tns:Verlaengerungswertmarke_einbehalten>{1,1}</tns:Verlaengerungswertmarke_einbehalten> <tns:Bankverbindung_geprueft>{1,1}</tns:Bankverbindung_geprueft> <tns:Zertifikat_Servicestelle>{1,1}</tns:Zertifikat_Servicestelle> </tns:TXKD> </pre> |
| Source | <pre> <xs:element name="TXKD" type="tns:TXKD_Type"> <xs:annotation> <xs:documentation>Element: Kundendaten uebermitteln</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/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXSANFK**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Sperranforderung fuer einen symmetrischen / asymmetrischen Schluessel |
| Diagram | |
| Type | tns:TXSANFK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | sperrSperrgrund, tns:keySperrkandidataSym, tns:keySperrkandidatsym, txbase |
| Instance | <pre><tns:TXSANFK xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:keySperrkandidatsym>{1,1}</tns:keySperrkandidatsym> <tns:keySperrkandidataSym>{1,1}</tns:keySperrkandidataSym> </tns:TXSANFK></pre> |
| Source | <pre><xs:element name="TXSANFK" type="tns:TXSANFK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung fuer einen symmetrischen / 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/rvs/1/XML-Schema_RVS.xsd |

Element **tns:TXSAANFK**

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Sperraufhebungsanforderung fuer einen symmetrischen / asymmetrischen Schluessel |

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TXSAANFK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSAANFK_Type tns:TXSAANFK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | sperrSperrgrund, tns:keySperrkandidataSym, tns:keySperrkandidatsym, txbase |
| Instance | <pre><tns:TXSAANFK xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <tns:keySperrkandidatsym>{1,1}</tns:keySperrkandidatsym> <tns:keySperrkandidataSym>{1,1}</tns:keySperrkandidataSym> </tns:TXSAANFK></pre> |
| Source | <pre><xs:element name="TXSAANFK" type="tns:TXSAANFK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen symmetrischen / asymmetrischen Schlüssel</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXSAUFK

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Sperrauftrag fuer einen Schlüssel |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:TXSAUFK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSAUFK_Type |
| Properties | content: complex |
| Model | txbase , tns:txsauf , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | tns:keySperrkandidataSym, tns:keySperrkandidatsym, tns:txsauf, txbase |
| Instance | <pre><tns:TXSAUFK xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <tns:txsauf>{1,1}</tns:txsauf> <tns:keySperrkandidatsym>{1,1}</tns:keySperrkandidatsym> <tns:keySperrkandidataSym>{1,1}</tns:keySperrkandidataSym> </tns:TXSAUFK></pre> |
| Source | <pre><xs:element name="TXSAUFK" type="tns:TXSAUFK_Type"> <xs:annotation> <xs:documentation>Element: Sperrauftrag fuer einen 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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXA

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | <pre> classDiagram class VXA { txbase transOrigID transOrigSignatur transOriginalZeit transAblehnungGrund } class txbase { <!-- Extension base --> } class tnsTX_RET_Type { <!-- Extension base --> } class tnsTX_BASE_Type { <!-- Extension base --> } VXA --> txbase VXA --> transOrigID VXA --> transOrigSignatur VXA --> transOriginalZeit VXA --> transAblehnungGrund txbase --> tnsTX_RET_Type tnsTX_RET_Type --> tnsTX_BASE_Type </pre> |
| 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:VXA xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> <transAblehnungGrund>{1,1}</transAblehnungGrund> </tns:VXA></pre> |
| Source | <pre><xs:element name="VXA" type="ion:TXA_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXB

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| 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:VXB xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transOrigID>{1,1}</transOrigID> <transOrigSignatur>{0,1}</transOrigSignatur> <transOriginalZeit>{1,1}</transOriginalZeit> </tns:VXB></pre> |
| Source | <pre><xs:element name="VXB" type="ion: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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXAS

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| 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 |

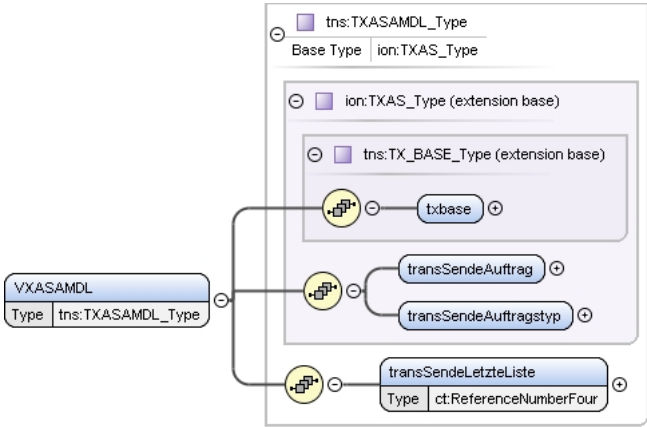
| | |
|-----------------|--|
| Instance | <pre><tns:VXAS xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXAS></pre> |
| Source | <pre><xs:element name="VXAS" type="ion:TXAS_Type"> <xs:annotation> <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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASABER

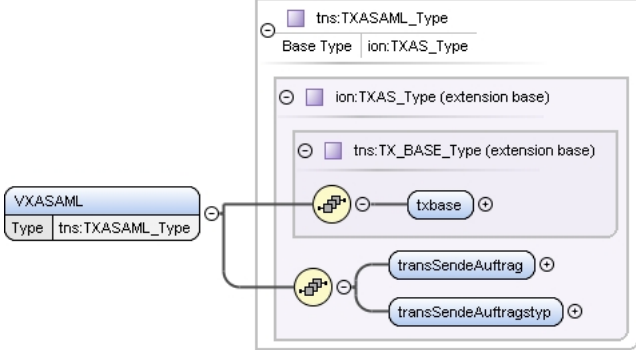
| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASABER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASABER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASABER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASABER></pre> |
| Source | <pre><xs:element name="VXASABER" type="tns:TXASABER_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASAMDL

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|---|
| Diagram |  <p>The diagram shows the structure of the <code>tns:TXASAMDLSchema Type</code>. It is a complex type with a base type of <code>ion:TXAS_Type</code>. The <code>ion:TXAS_Type</code> is an extension base of <code>tns:TX_BASE_Type</code>. The <code>tns:TXASAMDLSchema Type</code> contains the following elements: <code>txbase</code>, <code>transSendeAuftrag</code>, <code>transSendeAuftragstyp</code>, and <code>transSendeLetzteListe</code>. The <code>transSendeLetzteListe</code> element has a type of <code>ct:ReferenceNumberFour</code>.</p> |
| Type | <code>tns:TXASAMDLSchema Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>tns:TX_BASE_Type</code> <code>tns:TXAS_Type</code> <code>tns:TXASAMDLSchema Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>tns:transSendeLetzteListe</code> |
| Children | <code>tns:transSendeLetzteListe</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> , <code>txbase</code> |
| Instance | <pre><tns:VXASAMDLSchema xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:transSendeLetzteListe>{1,1}</tns:transSendeLetzteListe> </tns:VXASAMDLSchema></pre> |
| Source | <pre><xs:element name="VXASAMDLSchema" type="tns:TXASAMDLSchema 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/rvs/1/XML-Schema_RVS.xsd |

Element `tns:VXASAML`

| | |
|----------------|---|
| Namespace | <code>http://vdv/ka/rvs/1</code> |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram |  <p>The diagram shows the structure of the <code>tns:VXASAMLSchema Type</code>. It is a complex type with a base type of <code>ion:TXAS_Type</code>. The <code>ion:TXAS_Type</code> is an extension base of <code>tns:TX_BASE_Type</code>. The <code>tns:VXASAMLSchema Type</code> contains the following elements: <code>txbase</code>, <code>transSendeAuftrag</code>, and <code>transSendeAuftragstyp</code>.</p> |
| Type | <code>tns:VXASAMLSchema Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>tns:TX_BASE_Type</code> <code>tns:TXAS_Type</code> <code>tns:VXASAMLSchema Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>transSendeAuftrag</code> , <code>transSendeAuftragstyp</code> |

| | |
|-----------------|--|
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASAML xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASAML></pre> |
| Source | <pre><xs:element name="VXASAML" type="tns:TXASAML_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASB

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | <pre> classDiagram class tns_VXASB_Type["tns:VXASB_Type"] class tns_TX_BASE_Type["tns:TX_BASE_Type (extension base)"] class tns_TXAS_Type["tns:TXAS_Type (extension base)"] class txbase class transSendeAuftrag class transSendeAuftragstyp tns_VXASB_Type -- > tns_TX_BASE_Type tns_VXASB_Type -- > tns_TXAS_Type tns_TX_BASE_Type -- txbase tns_TX_BASE_Type -- transSendeAuftrag tns_TXAS_Type -- transSendeAuftragstyp </pre> |
| Type | tns:TXASB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASB_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASB xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASB></pre> |
| Source | <pre><xs:element name="VXASB" type="tns:TXASB_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASEBER

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASEBER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASEBER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASEBER></pre> |
| Source | <pre><xs:element name="VXASEBER" type="tns:TXASEBER_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASRBER

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASRBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASRBER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASRBER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|--|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASRBBER></pre> |
| Source | <pre><xs:element name="VXASRBBER" type="tns:TXASRBBER_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSLDNM

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASSLDNM_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLDNM_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSLDNM xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSLDNM></pre> |
| Source | <pre><xs:element name="VXASSLDNM" type="tns:TXASSLDNM_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSLK

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASSLK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLK_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSLK xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSLK></pre> |
| Source | <pre><xs:element name="VXASSLK" type="tns:TXASSLK_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSLOS

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASSLOS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLOS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSLOS xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|--|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSLOS></pre> |
| Source | <pre><xs:element name="VXASSLOS" type="tns:TXASSLOS_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSNAWA

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | <pre> classDiagram class tns_VXASSNAWA_Type["tns:VXASSNAWA_Type"] class tns_TXASSNAWA_Type["tns:TXASSNAWA_Type"] class ion_TXAS_Type["ion:TXAS_Type (extension base)"] class tns_TX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class transSendeAuftrag class transSendeAuftragstyp tns_VXASSNAWA_Type -- > tns_TXASSNAWA_Type tns_TXASSNAWA_Type -- > ion_TXAS_Type ion_TXAS_Type -- > tns_TX_BASE_Type tns_TXASSNAWA_Type -- txbase tns_TXASSNAWA_Type -- transSendeAuftrag tns_TXASSNAWA_Type -- transSendeAuftragstyp </pre> |
| Type | tns:TXASSNAWA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWA_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSNAWA xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSNAWA></pre> |
| Source | <pre><xs:element name="VXASSNAWA" type="tns:TXASSNAWA_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSNAWB

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASSNAWB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWB_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSNAWB xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSNAWB></pre> |
| Source | <pre><xs:element name="VXASSNAWB" type="tns:TXASSNAWB_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSNAWW

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASSNAWW_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWW_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSNAWW xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|--|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSNAWW></pre> |
| Source | <pre><xs:element name="VXASSNAWW" type="tns:TXASSNAWW_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSLNM

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |
| Diagram | |
| Type | tns:TXASSLNM_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type <ul style="list-style-type: none"> tns:TXAS_Type <ul style="list-style-type: none"> tns:TXASSLNM_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSLNM xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSLNM></pre> |
| Source | <pre><xs:element name="VXASSLNM" type="tns:TXASSLNM_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:VXASSLINF

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Bestaetigung einer ION-Transaktion |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASSLINF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLINF_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:VXASSLINF xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:VXASSLINF></pre> |
| Source | <pre><xs:element name="VXASSLINF" type="tns:TXASSLINF_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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASABER

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASABER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASABER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASABER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

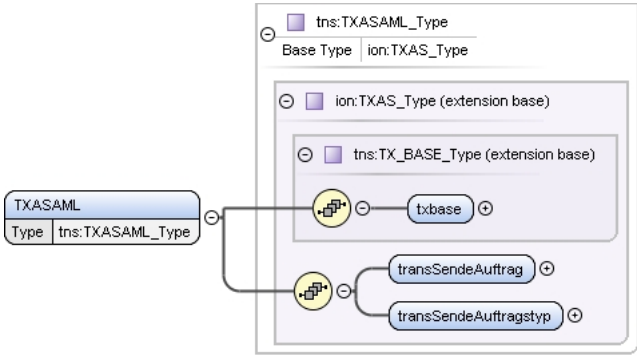
| | |
|-----------------|---|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASABER></pre> |
| Source | <pre><xs:element name="TXASABER" type="tns:TXASABER_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASAMDL

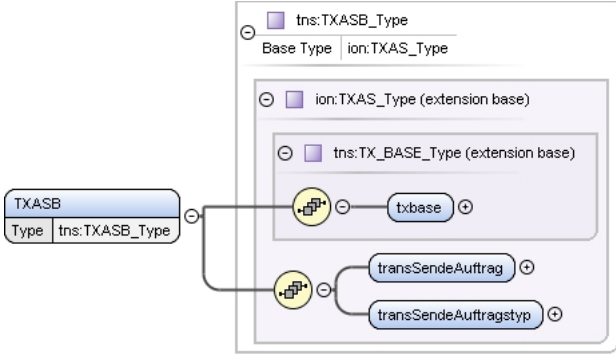
| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Sendeaufforderung einer Aktionsdifferenzliste im Aktionsmanagement |
| Diagram | |
| Type | tns:TXASAMDL_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAMDL_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:transSendeLetzteListe |
| Children | tns:transSendeLetzteListe, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAMDL xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:transSendeLetzteListe>{1,1}</tns:transSendeLetzteListe> </tns:TXASAMDL></pre> |
| Source | <pre><xs:element name="TXASAMDL" type="tns:TXASAMDL_Type"> <xs:annotation> <xs:documentation>Element: Sendeaufforderung einer Aktionsdifferenzliste im Aktionsmanagement</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASAML

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |

| | |
|-----------------|--|
| Diagram |  |
| Type | tns:TXASAML_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAML_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAML xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASAML></pre> |
| Source | <pre><xs:element name="TXASAML" type="tns:TXASAML_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASB

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram |  |
| Type | tns:TXASB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASB_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASB xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|---|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASB></pre> |
| Source | <pre><xs:element name="TXASB" type="tns:TXASB_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASEBER

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | <pre> classDiagram class tnsTXASEBER_Type["tns:TXASEBER_Type"] class tnsTX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class transSendeAuftrag class transSendeAuftragstyp tnsTXASEBER_Type -- > tnsTX_BASE_Type tnsTXASEBER_Type -- txbase tnsTXASEBER_Type -- transSendeAuftrag tnsTXASEBER_Type -- transSendeAuftragstyp </pre> |
| Type | tns:TXASEBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type <ul style="list-style-type: none"> tns:TXAS_Type <ul style="list-style-type: none"> tns:TXASEBER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASEBER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASEBER></pre> |
| Source | <pre><xs:element name="TXASEBER" type="tns:TXASEBER_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASRBER

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASRBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASRBER_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASRBER xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASRBER></pre> |
| Source | <pre><xs:element name="TXASRBER" type="tns:TXASRBER_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSLDNM

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSLDNM_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLDNM_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSLDNM xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|---|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSLDNM></pre> |
| Source | <pre><xs:element name="TXASSLDNM" type="tns:TXASSLDNM_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSLK

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSLK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLK_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSLK xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSLK></pre> |
| Source | <pre><xs:element name="TXASSLK" type="tns:TXASSLK_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSLOS

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASSLOS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLOS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSLOS xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSLOS></pre> |
| Source | <pre><xs:element name="TXASSLOS" type="tns:TXASSLOS_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSNAWA

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSNAWA_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWA_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSNAWA xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase></pre> |

| | |
|-----------------|---|
| | <pre><transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSNAWA></pre> |
| Source | <pre><xs:element name="TXASSNAWA" type="tns:TXASSNAWA_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSNAWB

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSNAWB_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWB_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSNAWB xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSNAWB></pre> |
| Source | <pre><xs:element name="TXASSNAWB" type="tns:TXASSNAWB_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSNAWW

| | |
|-------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASSNAWW_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWW_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSNAWW xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSNAWW></pre> |
| Source | <pre><xs:element name="TXASSNAWW" type="tns:TXASSNAWW_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSLNM

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSLNM_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLNM_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSLNM xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> </tns:TXASSLNM></pre> |

| | |
|-----------------|---|
| | <pre><transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSLNM></pre> |
| Source | <pre><xs:element name="TXASSLNM" type="tns:TXASSLNM_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Element tns:TXASSLINF

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Element: Aufforderung zum Senden Sperrliste NM |
| Diagram | |
| Type | tns:TXASSLINF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLINF_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASSLINF xmlns:tns="http://vdv/ka/rvs/1"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASSLINF></pre> |
| Source | <pre><xs:element name="TXASSLINF" type="tns:TXASSLINF_Type"> <xs:annotation> <xs:documentation>Element: Aufforderung zum Senden Sperrliste NM</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/rvs/1/XML-Schema_RVS.xsd |

Simple Type(s)

Simple Type tns:Flag_CODE

| | | | | | |
|--------------|--|--------------|---|--------------|---|
| Namespace | http://vdv/ka/rvs/1 | | | | |
| Diagram | | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>1</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 1 | minInclusive | 0 |
| maxInclusive | 1 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table> <tr> <td>Elements</td><td>tns:TXKD_Type/tns:Alter_geprueft, tns:TXKD_Type/tns:BN_liegt_vor, tns:TXKD_Type/tns:Bankverbindung_geprueft, tns:TXKD_Type/tns:Unterschrift, tns:TXKD_Type/tns:Verlaengerungswertmarke_einbehalten, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mail, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mobil, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_tel</td></tr> </table> | Elements | tns:TXKD_Type/tns:Alter_geprueft, tns:TXKD_Type/tns:BN_liegt_vor, tns:TXKD_Type/tns:Bankverbindung_geprueft, tns:TXKD_Type/tns:Unterschrift, tns:TXKD_Type/tns:Verlaengerungswertmarke_einbehalten, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mail, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mobil, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_tel | | |
| Elements | tns:TXKD_Type/tns:Alter_geprueft, tns:TXKD_Type/tns:BN_liegt_vor, tns:TXKD_Type/tns:Bankverbindung_geprueft, tns:TXKD_Type/tns:Unterschrift, tns:TXKD_Type/tns:Verlaengerungswertmarke_einbehalten, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mail, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_mobil, tns:TXKD_Type/tns:Zustimmung_zur_Kundenansprache_tel | | | | |

| | |
|-----------------|---|
| Source | <pre><xs:simpleType name="Flag_CODE"> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="1"/> <!-- 0 fuer falsch/nein --> <!-- 1 fuer wahr/ja --> </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/rvs/1/XML-Schema_RVS.xsd |

Simple Type tns:SperrlistenStatus_CODE

| | | | |
|----------------|--|--|--|
| Namespace | http://vdv/ka/rvs/1 | | |
| Annotations | Enumeration: Codes which defines the reason of the blocking. See also Sperrgrund_Type. See also Spec BOM, table 6-81. | | |
| 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:SperrlistenStatus_CODE | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | KA: Not Specified (All) |
| | enumeration | 1 | EN 1545: Undefined (All) |
| | enumeration | 2 | EN 1545: Stolen (Application/Usermedium/SAM) |
| | enumeration | 3 | EN 1545: Lost (Application/Usermedium/SAM) |
| | enumeration | 13 | KA: Payment delay (Entitlement) |
| | enumeration | 14 | KA: Certificate revocation (Application/SAM) |
| | enumeration | 15 | KA: Offence against terms of carriage (Application/Entitlement) |
| | enumeration | 16 | KA: Breach of participation contract (Company) |
| | enumeration | 17 | KA: Employment of non-certified components (Company) |
| | enumeration | 18 | KA: Breach of payment conditions (Company) |
| | enumeration | 19 | KA: Offense against ION rules (Company) |
| | enumeration | 20 | KA: Inconsistent transactions of ION participant (Company) |
| | enumeration | 21 | KA: Contract termination (Company) |
| | enumeration | 22 | KA: Defect usermedium (Application/Usermedium) |
| | enumeration | 23 | KA: Company ID no longer supported (Company) |
| | enumeration | 24 | KA: Compromised / abused key (Key) |
| | enumeration | 25 | KA: Application not returned after contract termination (Application) |
| | enumeration | 26 | KA: Referenced product was deactivated (Entitlement) |
| | enumeration | 27 | KA: Application or entitlement with the same ID already exists (Application/Entitlement) |
| | enumeration | 30 | KA: Usermedium/application which contains entitlements of a secondary customer contract partner (CCP) was replaced (Application/Entitlement) |
| | Used by | Element tns:TX_SAUF_Type/tns:sperrSperrgrund | |
| Source | <pre><xs:simpleType name="SperrlistenStatus_CODE"> <xs:annotation> <xs:documentation>Enumeration: Codes which defines the reason of the blocking. See also Sperrgrund_Type. See also Spec BOM, table 6-81.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"></pre> | | |

```

<xs:enumeration value="0">
  <xs:annotation>
    <xs:documentation>KA: Not Specified (All)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="1">
  <xs:annotation>
    <xs:documentation>EN 1545: Undefined (All)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <xs:documentation>EN 1545: Stolen (Application/Usermedium/SAM)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>EN 1545: Lost (Application/Usermedium/SAM)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>KA: Payment delay (Entitlement)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>KA: Certificate revocation (Application/SAM)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>KA: Offence against terms of carriage (Application/Entitlement)</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>KA: Breach of participation contract (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>KA: Employment of non-certified components (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>KA: Breach of payment conditions (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>KA: Offense against ION rules (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>KA: Inconsistent transactions of ION participant (Company)</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>KA: Contract termination (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
  <xs:annotation>
    <xs:documentation>KA: Defect usermedium (Application/Usermedium)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
  <xs:annotation>
    <xs:documentation>KA: Company ID no longer supported (Company)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
  <xs:annotation>
    <xs:documentation>KA: Compromised / abused key (Key)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">

```

| | |
|----------------------|---|
| | <pre> <xs:annotation> <xs:documentation>KA: Application not returned after contract termination (Application)</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>KA: Referenced product was deactivated (Entitlement)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="27"> <xs:annotation> <xs:documentation>KA: Application or entitlement with the same ID already exists (Application/Entitlement)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="30"> <xs:annotation> <xs:documentation>KA: Usermedium/application which contains entitlements of a secondary customer contract partner (CCP) was replaced (Application/Entitlement)</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/ rvs/1/XML-Schema_RVS.xsd |

Complex Type(s)

Complex Type tns:Schluessel_ID_Type

| | |
|----------------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Schluessel_ID |
| Diagram | |
| Used by | Elements tns:TXSANFK_Type/tns:keySperrkandidatsym, tns:TXSAUFK_Type/tns:keySperrkandidatsym |
| Model | tns:schluesselNummer , tns:schluesselVersion , tns:schluesselInhaber_ID |
| Children | tns:schluesselInhaber_ID, tns:schluesselNummer, tns:schluesselVersion |
| Source | <pre> <xs:complexType name="Schluessel_ID_Type"> <xs:annotation> <xs:documentation>Typ: Schluessel_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="schluesselNummer" type="ct:INT1" /> <xs:element name="schluesselVersion" type="ct:INT1" /> <xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo" /> </xs:sequence> </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/ rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:SignaturSchluessel_ID_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: SignaturSchluessel ID |
| Diagram | |
| Used by | Elements tns:TXSANFK_Type/tns:keySperrkandidataSym, tns:TXSAUFK_Type/tns:keySperrkandidataSym |
| Model | tns:signaturSchluessel |
| Children | tns:signaturSchluessel |

| | |
|-----------------|---|
| Source | <pre> <xs:complexType name="SignaturSchluessel_ID_Type"> <xs:annotation> <xs:documentation>Typ: SignaturSchluessel ID</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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TX_SAUF_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Basisdaten fuer Sperrmitteilung |
| Diagram | |
| Used by | Element tns:TXSAUFK_Type/tns:txsauf |
| Model | tns:sperrSperrgrund, tns:SperrLoeschdatum, tns:sperrModus |
| Children | tns:SperrLoeschdatum, tns:sperrModus, tns:sperrSperrgrund |
| Source | <pre> <xs:complexType name="TX_SAUF_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperrmitteilung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="sperrSperrgrund" type="tns:SperrlistenStatus_CODE"/> <xs:element name="SperrLoeschdatum" type="ct:DateCompact"/> <xs:element name="sperrModus" type="kt:SperrModus_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXSANFK_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Sperranforderung für einen symmetrischen / asymmetrischen 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:TXSANFK_Type |
| Used by | Complex Type tns:TXSAANFK_Type Element tns:TXSANFK |

| | |
|-----------------|---|
| Model | txbase , sperrSperrgrund , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | sperrSperrgrund, tns:keySperrkandidataSym, tns:keySperrkandidatsym, txbase |
| Source | <pre> <xs:complexType name="TXSANFK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung für einen symmetrischen / asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_SANF_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:Schluessel_ID_Type"/> <xs:element name="keySperrkandidataSym" type="tns:SignaturSchluessel_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXSAANFK_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Sperraufhebungsanforderung für einen symmetrischen / asymmetrischen Schluessel |
| Diagram | <pre> classDiagram class tnsTXSANFK_Type["tns:TXSANFK_Type (extension base)"] class ionTX_SANF_Type["ion:TX_SANF_Type (extension base)"] class tnsTX_BASE_Type["tns:TX_BASE_Type (extension base)"] class txbase class sperrSperrgrund class keySperrkandidatsym["keySperrkandidatsym (Type: tns:Schluessel_ID_Type)"] class keySperrkandidataSym["keySperrkandidataSym (Type: tns:SignaturSchluessel_ID_Type)"] tnsTXSANFK_Type -- > ionTX_SANF_Type ionTX_SANF_Type -- > tnsTX_BASE_Type tnsTXSANFK_Type -- txbase tnsTXSANFK_Type -- sperrSperrgrund tnsTXSANFK_Type -- keySperrkandidatsym tnsTXSANFK_Type -- keySperrkandidataSym </pre> |
| Type | extension of tns:TXSANFK_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFK_Type tns:TXSAANFK_Type |
| Used by | Element tns:TXSAANFK |
| Model | txbase , sperrSperrgrund , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | sperrSperrgrund, tns:keySperrkandidataSym, tns:keySperrkandidatsym, txbase |
| Source | <pre> <xs:complexType name="TXSAANFK_Type"> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung für einen symmetrischen / asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TXSANFK_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXSAUFK_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Sperrauftrag fuer einen Schluessel |

| | |
|-----------------|---|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXSAUFK_Type |
| Used by | Element tns:TXSAUFK |
| Model | txbase , tns:txsauf , tns:keySperrkandidatsym , tns:keySperrkandidataSym |
| Children | tns:keySperrkandidataSym, tns:keySperrkandidatsym, tns:txsauf, txbase |
| Source | <pre> <xs:complexType name="TXSAUFK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrauftrag fuer einen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="txsauf" type="tns:TX_SAUF_Type"/> <xs:element name="keySperrkandidatsym" type="tns:Schluessel_ID_Type"/> <xs:element name="keySperrkandidataSym" type="tns:SignaturSchluessel_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASABER_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASABER_Type |
| Used by | Elements tns:TXASABER, tns:VXASABER |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASABER_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> </pre> |

| | |
|-----------------|---|
| | <code></xs:complexContent></code> <code></xs:complexType></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASAMDL_Type**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAMDL_Type |
| Used by | Elements tns:TXASAMDL, tns:VXASAMDL |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:transSendeLetzteListe |
| Children | tns:transSendeLetzteListe, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASAMDL_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="transSendeLetzteListe" type="ct:ReferenceNumberFour" nillable="true" /> </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/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASAML_Type**

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAML_Type |

| | |
|-----------------|--|
| Used by | Elements tns:TXASAML, tns:VXASAML |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASAML_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASB_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASB_Type |
| Used by | Elements tns:TXASB, tns:VXASB |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASB_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASEBER_Type

| | |
|-------------|------------------------------|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |

| | |
|-----------------|--|
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASEBER_Type |
| Used by | Elements tns:TXASEBER, tns:VXASEBER |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASEBER_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASRBER_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXAS_Type • tns:TXASRBER_Type |
| Used by | Elements tns:TXASRBER, tns:VXASRBER |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASRBER_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASSLDNM_Type

| | |
|-------------|------------------------------|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLDNM_Type |
| Used by | Elements tns:TXASSLDNM, tns:VXASSLDNM |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASSLDNM_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASSLK_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLK_Type |
| Used by | Elements tns:TXASSLK, tns:VXASSLK |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASSLK_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASSLOS_Type**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| 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 <ul style="list-style-type: none"> tns:TXASSLOS_Type |
| Used by | Elements tns:TXASSLOS, tns:VXASSLOS |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASSLOS_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASSNAWA_Type**

| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| 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 <ul style="list-style-type: none"> tns:TXASSNAWA_Type |
| Used by | Elements tns:TXASSNAWA, tns:VXASSNAWA |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASSNAWA_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"/> </xs:complexContent> </xs:complexType></pre> |

| | |
|-----------------|---|
| | <pre></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/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASSNAWB_Type**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWB_Type |
| Used by | Elements tns:TXASSNAWB, tns:VXASSNAWB |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASSNAWB_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type **tns:TXASSNAWW_Type**

| | |
|----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSNAWW_Type |
| Used by | Elements tns:TXASSNAWW, tns:VXASSNAWW |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |

| | |
|-----------------|---|
| Source | <pre> <xs:complexType name="TXASSNAWW_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASSLNM_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | <pre> graph LR TXASSLNM_Type[tns:TXASSLNM_Type] -- extension --> TXAS_Type[ion:TXAS_Type] TXASSLNM_Type -- extension --> TX_BASE_Type[tns:TX_BASE_Type] TX_BASE_Type -- contains --> txbase[txbase] TX_BASE_Type -- contains --> transSendeAuftrag[transSendeAuftrag] TX_BASE_Type -- contains --> transSendeAuftragstyp[transSendeAuftragstyp] </pre> |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLNM_Type |
| Used by | Elements tns:TXASSLNM, tns:VXASSLNM |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASSLNM_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXASSLINF_Type

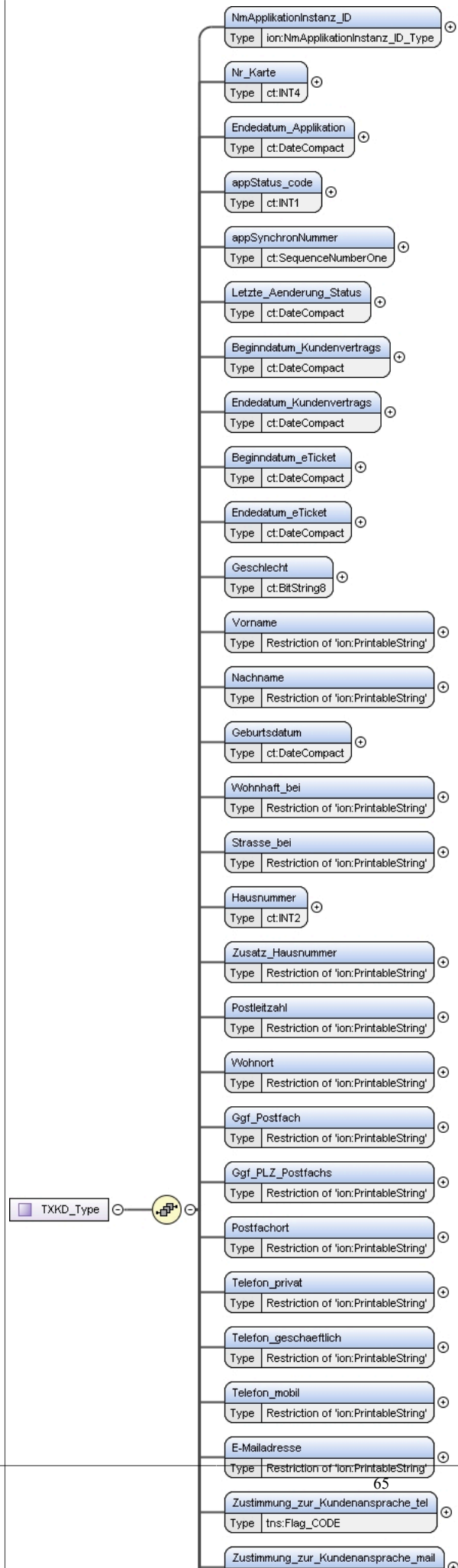
| | |
|----------------|--|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | <pre> graph LR TXASSLINF_Type[tns:TXASSLINF_Type] -- extension --> TXAS_Type[ion:TXAS_Type] TXASSLINF_Type -- extension --> TX_BASE_Type[tns:TX_BASE_Type] TX_BASE_Type -- contains --> txbase[txbase] TX_BASE_Type -- contains --> transSendeAuftrag[transSendeAuftrag] TX_BASE_Type -- contains --> transSendeAuftragstyp[transSendeAuftragstyp] </pre> |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASSLINF_Type |

| | |
|-----------------|--|
| Used by | Elements tns:TXASSLINf, tns:VXASSLINf |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre><xs:complexType name="TXASSLINf_Type"> <xs:annotation> <xs:documentation>Typ: Aufforderung zum Senden</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_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/rvs/1/XML-Schema_RVS.xsd |

Complex Type tns:TXKD_Type

| | |
|-------------|----------------------------------|
| Namespace | http://vdv/ka/rvs/1 |
| Annotations | Typ: Kundendaten bei KVP Wechsel |

Diagram



| | |
|----------|--|
| Used by | Element tns:TXKD |
| Model | tns:NmApplikationInstanz_ID , tns:Nr_Karte , tns:Endedatum_Applikation , tns:appStatus_code , tns:appSynchronNummer , tns:Letzte_Aenderung_Status , tns:Beginndatum_Kundenvertrags , tns:Endedatum_Kundenvertrags , tns:Beginndatum_eTicket , tns:Endedatum_eTicket , tns:Geschlecht , tns:Vorname , tns:Nachname , tns:Geburtsdatum , tns:Wohnhaft_bei , tns:Strasse_bei , tns:Hausnummer , tns:Zusatz_Hausnummer , tns:Postleitzahl , tns:Wohnort , tns:Ggf_Postfach , tns:Ggf_PLZ_Postfachs , tns:Postfachort , tns:Telefon_privat , tns:Telefon_geschaeflich , tns:Telefon_mobil , tns:E-Mailadresse , tns:Zustimmung_zur_Kundenansprache_tel , tns:Zustimmung_zur_Kundenansprache_mail , tns:Zustimmung_zur_Kundenansprache_mobil , tns>Wechsel_von_KVP , tns:Wechsel_zu_KVP , tns:Ort_Unterschrift , tns:Datum_Unterschrift , tns:Unterschrift , tns:Eingangsdatum , tns:Wertmarke_gueltig_bis , tns:Wertmarke_verkuerzt_auf , tns:Alter_geprueft , tns:BN_liegt_vor , tns:BN_liegt_bei , tns:Verlaengerungswertmarke_einbehalten , tns:Bankverbindung_geprueft , tns:Zertifikat_Servicestelle |
| Children | tns:Alter_geprueft , tns:BN_liegt_bei , tns:BN_liegt_vor , tns:Bankverbindung_geprueft , tns:Beginndatum_Kundenvertrags , tns:Beginndatum_eTicket , tns:Datum_Unterschrift , tns:E-Mailadresse , tns:Eingangsdatum , tns:Endedatum_Applikation , tns:Endedatum_Kundenvertrags , tns:Endedatum_eTicket , tns:Geburtsdatum , tns:Geschlecht , tns:Ggf_PLZ_Postfachs , tns:Ggf_Postfach , tns:Hausnummer , tns:Letzte_Aenderung_Status , tns:Nachname , tns:NmApplikationInstanz_ID , tns:Nr_Karte , tns:Ort_Unterschrift , tns:Postfachort , tns:Postleitzahl , tns:Strasse_bei , tns:Telefon_geschaeflich , tns:Telefon_mobil , tns:Telefon_privat , tns:Unterschrift , tns:Verlaengerungswertmarke_einbehalten , tns:Vorname , tns:Wechsel_von_KVP , tns:Wechsel_zu_KVP , tns:Wertmarke_gueltig_bis , tns:Wertmarke_verkuerzt_auf , tns:Wohnhaft_bei , tns:Wohnort , tns:Zertifikat_Servicestelle , tns:Zusatz_Hausnummer , tns:Zustimmung_zur_Kundenansprache_mail , tns:Zustimmung_zur_Kundenansprache_mobil , tns:Zustimmung_zur_Kundenansprache_tel , tns:appStatus_code , tns:appSynchronNummer |
| Source | <pre> <xs:complexType name="TXKD_Type"> <xs:annotation> <xs:documentation>Typ: Kundendaten bei KVP Wechsel</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmApplikationInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /> <xs:element name="Nr_Karte" type="ct:INT4" /> <xs:element name="Endedatum_Applikation" type="ct:DateCompact" /> <xs:element name="appStatus_code" type="ct:INT1" /> <xs:element name="appSynchronNummer" type="ct:SequenceNumberOne" /> <xs:element name="Letzte_Aenderung_Status" type="ct:DateCompact" /> <xs:element name="Beginndatum_Kundenvertrags" type="ct:DateCompact" /> <xs:element name="Endedatum_Kundenvertrags" type="ct:DateCompact" /> <xs:element name="Beginndatum_eTicket" type="ct:DateCompact" /> <xs:element name="Endedatum_eTicket" type="ct:DateCompact" /> <xs:element name="Geschlecht" type="ct:BitString8" /> <xs:element name="Vorname"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="20" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Nachname"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="40" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Geburtsdatum" type="ct:DateCompact" /> <xs:element name="Wohnhaft_bei" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="40" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Strasse_bei" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="40" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Hausnummer" type="ct:INT2" /> <xs:element name="Zusatz_Hausnummer" nillable="true"> <xs:simpleType> <xs:restriction base="ion:PrintableString"> <xs:minLength value="0" /> <xs:maxLength value="1" /> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="Postleitzahl"> </pre> |

```

<xs:simpleType>
  <xs:restriction base="ion:PrintableString">
    <xs:minLength value="0"/>
    <xs:maxLength value="5"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Wohnort">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Ggf_Postfach" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Ggf_PLZ_Postfachs" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="5"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Postfachort" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Telefon_privat" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Telefon_geschaeftlich" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Telefon_mobil" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="E-Mailadresse" nillable="true">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Zustimmung_zur_Kundenansprache_tel" type="tns:Flag_CODE"/>
<xs:element name="Zustimmung_zur_Kundenansprache_mail" type="tns:Flag_CODE"/>
<xs:element name="Zustimmung_zur_Kundenansprache_mobil" type="tns:Flag_CODE"/>
<xs:element name="Wechsel_von_KVP" type="ct:INT2"/>
<xs:element name="Wechsel_zu_KVP" type="ct:INT2"/>
<xs:element name="Ort_Unterschrift">
  <xs:simpleType>
    <xs:restriction base="ion:PrintableString">
      <xs:minLength value="0"/>
      <xs:maxLength value="40"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

| | |
|-----------------|--|
| | <pre> </xs:element> <xs:element name="Datum_Unterschrift" type="ct:DateCompact" /> <xs:element name="Unterschrift" type="tns:Flag_CODE" /> <xs:element name="Eingangsdatum" type="ct:DateCompact" /> <xs:element name="Wertmarke_gueltig_bis" type="ct:DateCompact" nillable="true" /> <xs:element name="Wertmarke_verkuerzt_auf" type="ct:DateCompact" nillable="true" /> <xs:element name="Alter_geprueft" type="tns:Flag_CODE" nillable="true" /> <xs:element name="BN_liegt_vor" type="tns:Flag_CODE" nillable="true" /> <xs:element name="BN_liegt_bei" type="ct:INT2" nillable="true" /> <xs:element name="Verlaengerungswertmarke_einbehalten" type="tns:Flag_CODE" nillable="true" /> <xs:element name="Bankverbindung_geprueft" type="tns:Flag_CODE" nillable="true" /> <xs:element name="Zertifikat_Servicestelle" type="ct:INT2" nillable="true" /> </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/rvs/1/XML-Schema_RVS.xsd |

Namespace: "http://vdv/ka/common/types/1"


Schema(s)

Imported schema XML-Schema_Common_Types.xsd

| | |
|-----------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Properties | attribute form default: unqualified element form default: unqualified |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/1/XML-Schema_Common_Types.xsd |


Simple Type(s)

Simple Type tns:INT1


| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Integer der den positiven Zahlenraum eines Bytes umfasst |
| Diagram |  |
| Type | restriction of xs:unsignedInt |
| Facets | maxInclusive 255 minInclusive 0 |
| Used by | <div>Simple Types</div> tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsPartnerRolle, tns:KoseErrorCode, tns:ListStatusErrorCode, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:SperrModus_Type, tns:SperrStatus_Type, tns:SperrgrundCode_Type, tns:SperrlistenErgebnisCode, tns:SperrlistenStatus_CODE, tns:S-statusCode, tns:TerminalTyp_CODE_Type <div>Elements</div> 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:Schluessel_ID_Type/tns:schluesselNummer, tns:Schluessel_ID_Type/tns:schluesselVersion, tns:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXA_Type/transAblehnungGrund, tns:TXKD_Type/tns:appStatus_code, 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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:ReferenceNumberTwo

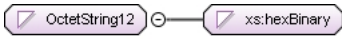
| | |
|-----------|------------------------------|
| Namespace | http://vdv/ka/common/types/1 |
|-----------|------------------------------|

| | | |
|-----------------|---|--|
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | |
| Diagram |  | |
| Type | tns:INT2 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Used by | Elements | tns:EFMProdukt_ID_Type/produktNummer, tns:Schluessel_ID_Type/tns:schluesselInhaber_ID, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:Terminal_ID_Type/terminalNummer |
| | Simple Type | tns:Organisation_ID |
| Source | <pre><xs:simpleType name="ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</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/1/XML-Schema_Common_Types.xsd | |

Simple Type tns:INT2

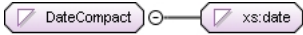
| | | |
|-----------------|--|--|
| Namespace | http://vdv/ka/common/types/1 | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | |
| Diagram |  | |
| Type | restriction of xs:unsignedInt | |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Used by | Simple Types | tns:ReferenceNumberTwo, tns:SequenceNumberTwo |
| | Elements | tns:BerKandidatType/aufSperrliste, tns:TXKD_Type/tns:BN_liegt_bei, tns:TXKD_Type/tns:Hausnummer, tns:TXKD_Type/tns:Wechsel_von_KVP, tns:TXKD_Type/tns:Wechsel_zu_KVP, tns:TXKD_Type/tns:Zertifikat_Servicestelle |
| 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/1/XML-Schema_Common_Types.xsd | |

Simple Type tns:OctetString12


| | | |
|-------------|--|--|
| Namespace | http://vdv/ka/common/types/1 | |
| Annotations | Hexstring mit einer maximalen Laenge von 12 Zeichen | |
| Diagram |  | |
| Type | restriction of xs:hexBinary | |
| Facets | length | 12 |
| Used by | Elements | tns:ASymSchluessel_ID_Type/signaturSchluessel, tns:SignaturSchluessel_ID_Type/tns:signaturSchluessel |
| Source | <pre><xs:simpleType name="OctetString12"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 12 Zeichen</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary" length="12"/> </xs:simpleType></pre> | |

| | |
|-----------------|--|
| | <pre> </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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:DateCompact

| | | | | | |
|-----------------|--|--------------|------------|--------------|------------|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, 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 | | | | |
| Used by | Elements tns:TXKD_Type/tns:Beginndatum_Kundenvertrags, tns:TXKD_Type/tns:Beginndatum_eTicket, tns:TXKD_Type/tns:Datum_Unterschrift, tns:TXKD_Type/tns:Eingangsdatum, tns:TXKD_Type/tns:Endedatum_Applikation, tns:TXKD_Type/tns:Endedatum_Kundenvertrags, tns:TXKD_Type/tns:Endedatum_eTicket, tns:TXKD_Type/tns:Geburtsdatum, tns:TXKD_Type/tns:Letzte_Aenderung_Status, tns:TXKD_Type/tns:Wertmarke_gueltig_bis, tns:TXKD_Type/tns:Wertmarke_verkuerzt_auf, tns:TX_SAUF_Type/tns:SperrLoeschdatum | | | | |
| Source | <pre> <xs:simpleType name="DateCompact"> <xs:annotation> <xs:documentation>Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, 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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:SequenceNumberFour

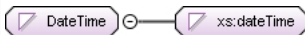
| | | | | | |
|----------------|--|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT4 <ul style="list-style-type: none"> 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 | Elements tns:IONTransaktion_ID_Type/transSequenznummer, tns:NmTransaktion_ID_Type/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/1/XML-Schema_Common_Types.xsd |
|-----------------|---|

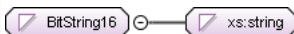
Simple Type `tns:INT4`

| | | | |
|-----------------|---|---|--|
| Namespace | http://vdv/ka/common/types/1 | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | | |
| Diagram |  | | |
| Type | restriction of xs:unsignedInt | | |
| Facets | maxInclusive | 4294967295 | |
| | minInclusive | 0 | |
| Used by | Simple Types | tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type | |
| | Elements | tns:BerKandidatType/anzahlSperren, tns:TXKD_Type/tns:Nr_Karte | |
| 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/1/XML-Schema_Common_Types.xsd | | |

Simple Type `tns:DateTime`


| | | | |
|-----------------|--|--|--|
| Namespace | http://vdv/ka/common/types/1 | | |
| Annotations | Datum mit Uhrzeit (nutzt den Standard) | | |
| Diagram |  | | |
| Type | xs:dateTime | | |
| Used by | Elements | tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt, tns:ZyklusOrgType/zyklusDatum, tns:ZyklusZyklenType/zyklusDatum | |
| Source | <pre><xs:simpleType name="DateTime"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit (nutzt den Standard)</xs:documentation> </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/1/XML-Schema_Common_Types.xsd | | |

Simple Type `tns:BitString16`

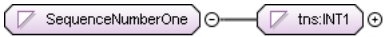
| | | | |
|-------------|---|--|--|
| Namespace | http://vdv/ka/common/types/1 | | |
| Annotations | String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen | | |
| Diagram |  | | |
| Type | restriction of xs:string | | |
| Facets | length | 16 | |
| | pattern | [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1][0-1][0-1][0-1][0-1] [0-1] | |
| Used by | Element | tns:ION_TX_HEADER_Type/transVersion | |
| 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></pre> | | |

| | |
|-----------------|---|
| | <pre> <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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:ReferenceNumberFour

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | | | | |
| 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:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAppInstanznummer, tns:TXASAMDL_Type/tns:transSendeLetzteListe | | | | |
| 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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:SequenceNumberOne

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SequenceNumberOne | | | | |
| 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:TXKD_Type/tns:appSynchronNummer | | | | |
| 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> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:BitString8


| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| 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] | | | | |
| Used by | Element tns:TXKD_Type/tns:Geschlecht | | | | |
| 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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:BitString1

| | | | | | |
|-----------------|--|--------|---|---------|-------|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | String mit Laenge von 1 Zeichen, das nur "0" oder "1" enthalten darf | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table> <tr> <td>length</td><td>1</td></tr> <tr> <td>pattern</td><td>[0-1]</td></tr> </table> | length | 1 | pattern | [0-1] |
| 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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:Date


| | |
|-----------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| 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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:DateTimeCompact


| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | 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. 1990-01-01T:00:00:00 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 Abschneiden einer Zeitzoneninformation zu vermeiden! | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:dateTime | | | | |
| 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 | | | | |
| Used by | Elements tns:TX_BER_Type/berGueltigkeitsbeginn, tns:TX_BER_Type/berGueltigkeitsende | | | | |
| Source | <pre> <xs:simpleType name="DateTimeCompact"> <xs:annotation> <xs:documentation>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. 1990-01-01T:00:00:00 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 Abschneiden einer Zeitzoneninformation 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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:Datef

| | | | | | |
|-----------------|--|--------|---|---------|--|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| 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"> <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/1/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:INT3

| | | | |
|--------------|---|--------------|----------|
| Namespace | http://vdv/ka/common/types/1 | | |
| 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> </table> | maxInclusive | 16777215 |
| 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/1/XML-Schema_Common_Types.xsd | |

Simple Type tns:OctetString1

| | | |
|-----------------|---|---|
| Namespace | http://vdv/ka/common/types/1 | |
| Annotations | Hexstring mit einer maximalen Laenge von 1 Zeichen | |
| Diagram | <pre>graph LR OctetString1 -- restriction --> xs_hexBinary[xs:hexBinary]</pre> | |
| 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 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/1/XML-Schema_Common_Types.xsd | |

Simple Type tns:OctetString4

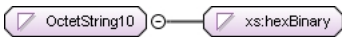
| | | |
|-----------------|---|---|
| Namespace | http://vdv/ka/common/types/1 | |
| Annotations | Hexstring mit einer maximalen Laenge von 4 Zeichen | |
| Diagram | <pre>graph LR OctetString4 -- restriction --> xs_hexBinary[xs:hexBinary]</pre> | |
| Type | restriction of xs:hexBinary | |
| Facets | length | 4 |
| Source | <pre><xs:simpleType name="OctetString4"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 4 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/1/XML-Schema_Common_Types.xsd | |

Simple Type tns:OctetString8


| | | |
|-------------|---|--|
| Namespace | http://vdv/ka/common/types/1 | |
| Annotations | Hexstring mit einer maximalen Laenge von 8 Zeichen | |
| Diagram | <pre>graph LR OctetString8 -- restriction --> xs_hexBinary[xs:hexBinary]</pre> | |
| Type | restriction of xs:hexBinary | |
| Facets | length | 8 |
| Used by | Elements | tns:appNmTransaktionMAC_Type/appMAC_AH, tns:appNmTransaktionMAC_Type/appMAC_KVP, tns:berNmTransaktionMAC_Type/berMAC_KVP, tns:berNmTransaktionMAC_Type/berMAC_PV |

| | |
|-----------------|---|
| Source | <pre><xs:simpleType name="OctetString8"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 8 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/1/XML-Schema_Common_Types.xsd |


Simple Type **tns:OctetString10**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Hexstring mit einer maximalen Laenge von 10 Zeichen |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 10 |
| Used by | Element tns:TX_BER_Type/berBezahlMittel |
| Source | <pre><xs:simpleType name="OctetString10"> <xs:annotation> <xs:documentation>Hexstring mit einer maximalen Laenge von 10 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/1/XML-Schema_Common_Types.xsd |

Simple Type **tns:ReferenceNumberOne**


| | |
|-----------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Integer der den positiven Zahlenraum von einem Byte umfasst |
| Diagram |  |
| Type | tns:INT1 |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:ReferenceNumberOne |
| Facets | maxInclusive 255 minInclusive 0 |
| 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/1/XML-Schema_Common_Types.xsd |

Simple Type **tns:ReferenceNumberThree**


| | |
|----------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Integer der den positiven Zahlenraum von drei Bytes umfasst |
| Diagram |  |
| Type | tns:INT3 |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:ReferenceNumberThree |
| Facets | maxInclusive 16777215 |
| | minInclusive 0 |
| Used by | Element 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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:SequenceNumberTwo

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| 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 | maxInclusive 65535 |
| | minInclusive 0 |
| 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/1/XML-Schema_Common_Types.xsd |

Simple Type tns:SequenceNumberThree

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| 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 | 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/1/XML-Schema_Common_Types.xsd |

Namespace: "http://vdv/ka/common/1"

Schema(s)

Imported schema XML-Schema_KA_Common.xsd

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/1 |
| Properties | attribute form default: unqualified |
| | element form default: unqualified |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/1/XML-Schema_KA_Common.xsd |

Element(s)

Element tns:VX

| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/1 |
| 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 Datenermittlung 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/1"> <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 Datenermittlung 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/1/XML-Schema_KA_Common.xsd |

Simple Type(s)

Simple Type tns:Organisation_ID

| | |
|----------------|---|
| Namespace | http://vdv/ka/common/1 |
| Annotations | Type: Eindeutiger Identifier einer Organisation |
| 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 <ul style="list-style-type: none"> tns:Organisation_ID |
| Facets | maxInclusive 65535 |

| | | |
|-----------------|---|--|
| | minInclusive | 0 |
| Used by | Elements | tns:BerKandidatType/kandidatId, tns:Berechtigung_ID_Type/kvp_ID, tns:EFMProdukt_ID_Type/organisationID, tns:IONTransaktion_ID_Type/transSender_ID, tns:ION_TX_HEADER_Type/transEmpfaenger_ID, tns:KandidatOrgType/kandidatId, tns:KandidatZyklenType/kandidatId, tns:NmApplikationInstanz_ID_Type/kvp_ID, tns:Ort_ID_Type/ortDomaene_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/1/XML-Schema_KA_Common.xsd | |

Simple Type tns:KommunikationsParterRolle

| | | |
|----------------|---|---|
| Namespace | http://vdv/ka/common/1 | |
| 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 tns:INT1 tns:KommunikationsParterRolle | |
| 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 |
| Used by | Elements | tns:IONTransaktion_ID_Type/transSenderRolle, tns:ION_TX_HEADER_Type/transEmpfaengerRolle, tns:KandidatOrgType/kandidatRolle, tns:KandidatZyklenType/kandidatRolle |
| 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:restriction> </xs:simpleType></pre> | |

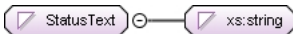
| | |
|-----------------|--|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>KOSES</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="254"> <xs:annotation> <xs:documentation>ZVM</xs:documentation> </xs:annotation> </xs:enumeration> </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/1/XML-Schema_KA_Common.xsd |

Simple Type `tns:StatusCode`

| | | | |
|----------------|--|--------------------------------|---|
| Namespace | http://vdv/ka/common/1 | | |
| 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 Empfaenger. 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 | 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:restriction> </xs:simpleType></pre> | | |

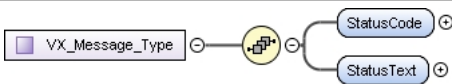
| | |
|----------------------|--|
| | <pre> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Unbekannter Empfaenger. 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="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/1/XML-Schema_KA_Common.xsd |

Simple Type tns:StatusText

| | |
|----------------------|--|
| Namespace | http://vdv/ka/common/1 |
| Annotations | Textuelle Beschreibung des "Status Codes" einer KA VX Nachricht |
| Diagram |  |
| Type | restriction of xs:string |
| Facets | maxLength 255 |
| Used by | Element tns:VX_Message_Type/StatusText |
| 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/1/XML-Schema_KA_Common.xsd |

Complex Type(s)

Complex Type tns:VX_Message_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/1 |
| 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/1/XML-Schema_KA_Common.xsd |

Namespace: "http://vdv/ka/ion/1"

Schema(s)

Imported schema XML-Schema_ION.xsd

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Properties | attribute form default: unqualified element form default: unqualified |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd |

Element(s)

Element tns:TXB

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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/1"> <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/1/XML-Schema_ION.xsd |
|-----------------|---|

Element tns:TXA

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXBRequest

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Element: Mitteilung eines Verarbeitungssstatus (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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXARequest

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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/1"> <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 Verarbeitungsstatus (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/1/XML-Schema_ION.xsd |
|-----------------|---|

Element tns:TXDEABER

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXSFREIMITA

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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: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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXSANFSYMK

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Element: Sperranforderung fuer einen symmetrischen Schluessel |
| Diagram | <pre> graph TD TXSANFSYMK_Type[tns:TXSANFSYMK_Type] TX_SANF_Type[tns:TX_SANF_Type (extension base)] TX_BASE_Type[tns:TX_BASE_Type (extension base)] txbase[txbase] sperrSperrgrund[sperrSperrgrund] keySperrkandidat[keySperrkandidat] TXSANFSYMK_Type -- extends --> TX_SANF_Type TX_SANF_Type -- extends --> TX_BASE_Type TX_BASE_Type -- contains --> txbase TX_BASE_Type -- contains --> sperrSperrgrund TX_BASE_Type -- contains --> keySperrkandidat </pre> |
| 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 , keySperrkandidat |
| Children | keySperrkandidat, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSANFSYMK xmlns:tns="http://vdv/ka/ion/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidat>{1,1}</keySperrkandidat> </tns:TXSANFSYMK></pre> |
| Source | <pre><xs:element name="TXSANFSYMK" type="tns:TXSANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung 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/1/XML-Schema_ION.xsd |

Element tns:TXSANFASYMK

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Element: Sperranforderung fuer einen asymmetrischen Schluessel |

| | |
|-----------------|---|
| Diagram | |
| 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 , keySperrkandidataSym |
| Children | keySperrkandidataSym, sperrSperrgrund, txbase |
| Instance | <pre> <tns:TXSANFASYMK xmlns:tns="http://vdv/ka/ion/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidataSym>{1,1}</keySperrkandidataSym> </tns:TXSANFASYMK> </pre> |
| Source | <pre> <xs:element name="TXSANFASYMK" type="tns:TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperranforderung 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/1/XML-Schema_ION.xsd |

Element tns:TXSAANFSYMK

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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:TXSANFSYMK_Type tns:TXSAANFSYMK_Type |
| Properties | content: complex |

| | |
|-----------------|---|
| Model | txbase , sperrSperrgrund , keySperrkandidat |
| Children | keySperrkandidat, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSAANFASYMK xmlns:tns="http://vdv/ka/ion/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidat>{1,1}</keySperrkandidat> </tns:TXSAANFASYMK></pre> |
| Source | <pre><xs:element name="TXSAANFASYMK" type="tns:TXSAANFASYMK_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/1/XML-Schema_ION.xsd |

Element tns:TXSAANFASYMK

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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:TXSANFASYMK_Type tns:TXSAANFASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidataSym |
| Children | keySperrkandidataSym, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSAANFASYMK xmlns:tns="http://vdv/ka/ion/1"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidataSym>{1,1}</keySperrkandidataSym> </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/1/XML-Schema_ION.xsd |

Element tns:TXSFREIMITSYM

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXSFREIMITASYMK

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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 , keySperrkandidatasy |

| | |
|-----------------|---|
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITASYMK xmlns:tns="http://vdv/ka/ion/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXSMITSYMK

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Element: Sperrmitteilung symmetrischer Schluessel |
| 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/1"> <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/1/XML-Schema_ION.xsd |

Element tns:TXSMITASYMK

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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 , keySperrkandidatasymp |
| Children | keySperrkandidatasymp, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSMITASYMK xmlns:tns="http://vdv/ka/ion/1"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <keySperrkandidatasymp>{1,1}</keySperrkandidatasymp> </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/1/XML-Schema_ION.xsd |

Complex Type(s)

Complex Type tns:TX_SANF_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Basisdaten fuer Sperranforderungen |
| Diagram | |
| 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:TXSANFK_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 --></pre> |

| | |
|-----------------|---|
| | <pre> <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/1/XML-Schema_ION.xsd |

Complex Type tns:TX_BASE_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Basisdaten fuer alle Transaktionen |
| Diagram | |
| Used by | Complex Types tns:TXAS_Type, tns:TXDEABER_Req_Type, tns:TXSAUFG_Type, tns:TX_RET_Type, tns:TX_SANF_Type, tns:TX_SMIT_Type |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:ION_TX_HEADER_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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"> </pre> |

| | |
|-----------------|---|
| | <pre> <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 Nachrichtempfaengers</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Nachrichtempfaengers</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/1/XML-Schema_ION.xsd |

Complex Type tns:IONTransaktion_ID_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | <p>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 Dienstauftrufers vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.</p> |
| Diagram | |
| Used by | <p>Elements</p> <p>tns:ION_TX_HEADER_Type/transTransaktion_ID, tns:TX_RET_Type/transOrigID, tns:TX_SMIT_Type/sperrAnforderungBezug</p> |
| 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 Dienstauftrufers 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/1/XML-Schema_ION.xsd |
|-----------------|---|

Complex Type tns:TXAS_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 | <p>Complex Types</p> <p>tns:TXASABER_Type, tns:TXASAMDL_Type, tns:TXASAML_Type, tns:TXASB_Type, tns:TX-ASEBER_Type, tns:TXASRBER_Type, tns:TXASSLDNM_Type, tns:TXASSLINf_Type, tns:TX-ASSLK_Type, tns:TXASSLNM_Type, tns:TXASSLOS_Type, tns:TXASSNAWA_Type, tns:TXASS-NAWB_Type, tns:TXASSNAWW_Type</p> <p>Element</p> <p>tns:VXAS</p> |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:NmApplikationInstanz_ID_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: ID einer Applikationsinstanz auf dem Nutzermedium |
| Diagram | |
| Used by | Elements tns:TXKD_Type/tns:NmApplikationInstanz_ID, tns:TXSFREIMITA_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> </pre> |

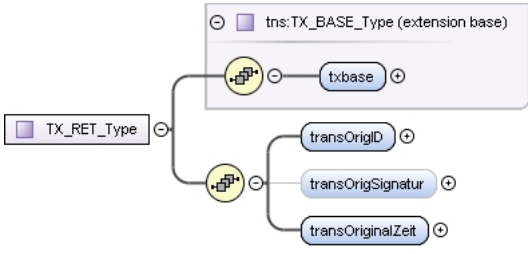
| | |
|-----------------|---|
| | <pre> <xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/> <xs:element name="kvp_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd |

Complex Type tns:TXA_Type

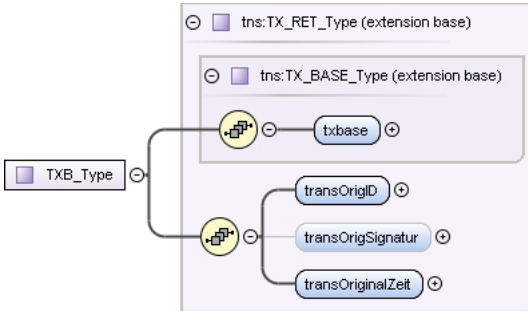
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Ablehnung einer ION-Transaktion |
| Diagram | |
| Type | extension of tns:TX_RET_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXA_Type |
| Used by | Elements tns:TXA, tns:TXARequest, tns:VXA |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:TX_RET_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 | 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXB_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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, tns:VXB |
| 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: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> |

| | |
|-----------------|---|
| | </xs:complexType> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd |

Complex Type tns:Ort_ID_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Datenstruktur Ort_ID |
| Diagram | |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:Terminal_ID_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Datenstruktur Terminal_ID |
| Diagram | |
| 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> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type" /> <xs:element name="terminalNummer" type="ct:ReferenceNumberTwo" /> <!-- Wilk Hoffmann: korrigiert --> <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/1/XML-Schema_ION.xsd |

Complex Type tns:Berechtigung_ID_Type

| | |
|-------------|-----------------------------|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: ID einer Berechtigung |
| Diagram | |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:EFMProdukt_ID_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig) |
| Diagram | |
| Used by | Element tns:TXDEABER_Req_Type/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/1/XML-Schema_ION.xsd |

Complex Type tns:Transaktionsdatensatz_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Transaktionsdatensatz |
| Diagram | |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:SymSchluessel_ID_Type

| | |
|-------------|---------------------|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Schluessel ID |
| Diagram | |

| | |
|-----------------|--|
| Used by | Elements tns:TXSANFSYMK_Type/keySperrkandidat, tns:TXSFREIMITSYMK_Type/keySperrkandidat-sym, tns:TXSMITSYMK_Type/keySperrkandidatsym, 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/1/XML-Schema_ION.xsd |

Complex Type tns:ASymSchlüssel_ID_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Type: Identifizierungsmerkmal, das den Schlüssel eindeutig bestimmt. |
| Diagram | |
| Used by | Elements tns:TXSANFASYMK_Type/keySperrkandidataSym, tns:TXSFREIMITASYMK_Type/keySperrkandidatasym, tns:TXSMITASYMK_Type/keySperrkandidatasym |
| Model | signaturSchlüssel |
| Children | signaturSchlüssel |
| Source | <pre><xs:complexType name="ASymSchlüssel_ID_Type"> <xs:annotation> <xs:documentation>Type: Identifizierungsmerkmal, das den Schlüssel eindeutig bestimmt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="signaturSchlüssel" 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/1/XML-Schema_ION.xsd |

Complex Type tns:appNmTransaktionMAC_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: MAC-Sicherung fuer Applikations-Transaktionen |
| Diagram | |
| 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/1/XML-Schema_ION.xsd |
|-----------------|---|

Complex Type `tns:berNmTransaktionMAC_Type`

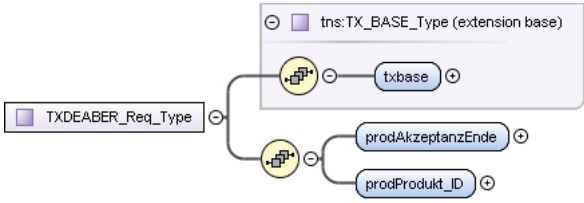
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: MAC-Sicherung fuer Berechtigungs-Transaktionen |
| Diagram | |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schlüssel_ID , berMAC_KVP_Schlüssel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schlüssel_ID, berMAC_PV, berMAC_PV_Schlüssel_ID |
| 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/1/XML-Schema_ION.xsd |

Complex Type `tns:TX_BER_Type`

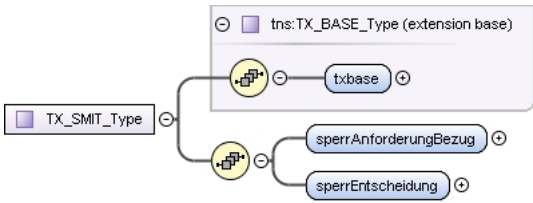
| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Basisdaten fuer Berechtigungstransaktionen |
| Diagram | |
| Model | berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel |
| Children | berBezahlArt, berBezahlMittel, 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/1/XML-Schema_ION.xsd |

Complex Type `tns:TXDEABER_Req_Type`

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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: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/ion/1/XML-Schema_ION.xsd |

Complex Type tns:TX_SMIT_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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:TXSFREIMITA_Type, tns:TXSFREIMITSYMK_Type, tns:TXSMITASYMK_Type, tns:TXSMITSYMK_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/1/XML-Schema_ION.xsd |

Complex Type **tns:TXSFREIMITA_Type**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Sperrfreigabemitteilung 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: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:TX_SMIT_Type"> <xs:sequence> <xs:element name="appSperrkandidat" type="tns: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/ion/1/XML-Schema_ION.xsd |

Complex Type **tns:TXSANFSYMK_Type**

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 | <div>Complex Type tns:TXSAANFSYMK_Type</div> <div>Element tns:TXSANFSYMK</div> |
| Model | txbase , sperrSperrgrund , keySperrkandidat |

| | |
|-----------------|---|
| Children | keySperrkandidat, 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="keySperrkandidat" 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSANFASYMK_Type

| | | | | | |
|-----------------|--|--------------|-----------------------|---------|-----------------|
| Namespace | http://vdv/ka/ion/1 | | | | |
| Annotations | Typ: Sperranforderung fuer einen asymmetrischen 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:TXSANFASYMK_Type | | | | |
| Used by | <table> <tr> <td>Complex Type</td><td>tns:TXSAANFASYMK_Type</td></tr> <tr> <td>Element</td><td>tns:TXSANFASYMK</td></tr> </table> | Complex Type | tns:TXSAANFASYMK_Type | Element | tns:TXSANFASYMK |
| 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/1/XML-Schema_ION.xsd | | | | |

Complex Type tns:TXSAANFSYMK_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 <ul style="list-style-type: none"> • tns:TX_SANF_Type <ul style="list-style-type: none"> • tns:TXSANFSYMK_Type <ul style="list-style-type: none"> • tns:TXSAANFSYMK_Type |
| Used by | Element tns:TXSAANFSYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidat |
| Children | keySperrkandidat, 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSAANFASYMK_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 <ul style="list-style-type: none"> • tns:TX_SANF_Type <ul style="list-style-type: none"> • tns:TXSANFASYMK_Type <ul style="list-style-type: none"> • tns:TXSAANFASYMK_Type |
| Used by | Element tns:TXSAANFASYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidataSym |
| Children | keySperrkandidataSym, sperrSperrgrund, txbase |
| Source | <pre><xs:complexType name="TXSAANFASYMK_Type"></pre> |

| | |
|-----------------|---|
| | <pre> <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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSFREIMITSYMK_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSFREIMITASYMK_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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 , keySperrkandidatasymp |
| Children | keySperrkandidatasymp, 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="keySperrkandidatasymp" 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSMITSYMK_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| 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 , keySperrkandidatasymp |
| Children | keySperrkandidatasymp, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre><xs:complexType name="TXSMITSYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung symmetrischer Schuessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatasymp" 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/1/XML-Schema_ION.xsd |

Complex Type tns:TXSMITASYMK_Type

| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/ion/1 |
|-----------|---------------------|

| | |
|-----------------|---|
| 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 , keySperrkandidatasym |
| Children | keySperrkandidatasym, 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="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/1/XML-Schema_ION.xsd |

Simple Type(s)

Simple Type tns:TransSignatur_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/1 |
| 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> <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/1/XML-Schema_ION.xsd |

Simple Type tns:PrintableString

| | |
|-----------|--------------------------|
| Namespace | http://vdv/ka/ion/1 |
| Diagram | |
| Type | restriction of xs:string |

| | | |
|-----------------|---|--|
| Facets | pattern | [-p]* |
| Used by | Elements | tns:TXAS_Type/transSendeAuftrag, tns:TXKD_Type/tns:E-Mailadresse, tns:TXKD_Type/tns:Ggf_PLZ_Postfach, tns:TXKD_Type/tns:Ggf_Postfach, tns:TXKD_Type/tns:Nachname, tns:TXKD_Type/tns:Ort_Unterschrift, tns:TXKD_Type/tns:Postfachort, tns:TXKD_Type/tns:Postleitzahl, tns:TXKD_Type/tns:Strasse_bei, tns:TXKD_Type/tns:Telefon_geschaftlich, tns:TXKD_Type/tns:Telefon_mobil, tns:TXKD_Type/tns:Telefon_privat, tns:TXKD_Type/tns:Vorname, tns:TXKD_Type/tns:Wohnhaft_bei, tns:TXKD_Type/tns:Wohnort, tns:TXKD_Type/tns:Zusatz_Hausnummer |
| 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/1/XML-Schema_ION.xsd | |

Simple Type tns:AuftragsTyp_CODE

| | | |
|-----------------|--|-------------------------------------|
| Namespace | http://vdv/ka/ion/1 | |
| Annotations | Der Code des Auftrages als Aufzaehlung. | |
| Diagram | <pre> graph LR A[AuftragsTyp_CODE] --- B[ct:INT1] </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:AuftragsTyp_CODE | |
| Facets | 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/1/XML-Schema_ION.xsd | |

Simple Type tns:OrtsTyp_CODE_Type

| | | |
|-------------|--|--|
| Namespace | http://vdv/ka/ion/1 | |
| Annotations | Typ: Ortstypen BOM 6_44 | |
| Diagram | <pre> graph LR A[OrtsTyp_CODE_Type] --- B[xs:unsignedInt] </pre> | |
| Type | restriction of xs:unsignedInt | |
| Facets | enumeration | 0 Bushaltestelle |
| | enumeration | 1 U-Bahn- (Metro-)Station |
| | enumeration | 2 Bahnhof (Eisenbahn) |
| | enumeration | 3 Strassenbahn- (TRAM-) Haltestelle |
| | enumeration | 11 Verkaufsstelle |
| | enumeration | 16 Gebiet(auch fuer Zone) |
| | enumeration | 17 Korridor |
| | enumeration | 200 Haltestelle allgemein fuer Haltestellen im Fahrplansinne, unabhaengig vom Verkehrsmittel |
| | enumeration | 201 Massenpersonalisierer |
| | enumeration | 202 areaList_ID |


| | | | |
|---------|---|------------------------|---------------------------|
| | enumeration | 203 | im Fahrzeug/Zug |
| | enumeration | 204 | TouchPoint |
| | enumeration | 205 | im Fahrzeug der Linie |
| | enumeration | 206 | im Fahrzeug der Zugnummer |
| | enumeration | 207 | Teilzone |
| | enumeration | 208 | neutrale Zone |
| | enumeration | 209 | Wabe |
| | enumeration | 210 | Grosswabe |
| | enumeration | 211 | Tarifpunkt |
| | enumeration | 212 | Backoffice |
| | enumeration | 251 | Ortsteil |
| | enumeration | 252 | Gemeinde |
| | enumeration | 253 | Kreis |
| | enumeration | 254 | Land |
| | enumeration | 255 | keine Angabe |
| Used by | Element | tns:Ort_ID_Type/ortTyp | |
| Source | <pre><xs:simpleType name="OrtsTyp_CODE_Type"> <xs:annotation> <xs:documentation>Typ: Ortstypen BOM 6_44</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Bushaltestelle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>U-Bahn- (Metro-)Station</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Bahnhof (Eisenbahn)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Strassenbahn- (TRAM-) Haltestelle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Verkaufsstelle</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>Gebiet(auch fuer Zone)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>Korridor</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="200"> <xs:annotation> <xs:documentation>Haltestelle allgemein fuer Haltestellen im Fahrplansinne, unabhaengig vom Verkehrsmittel</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="201"> <xs:annotation> <xs:documentation>Massenpersonalisierer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="202"> <xs:annotation> <xs:documentation>areaList_ID</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | |

| | |
|-----------------|---|
| | <pre> </xs:enumeration> <xs:enumeration value="203"> <xs:annotation> <xs:documentation>im Fahrzeug/Zug</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="204"> <xs:annotation> <xs:documentation>TouchPoint</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="205"> <xs:annotation> <xs:documentation>im Fahrzeug der Linie</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="206"> <xs:annotation> <xs:documentation>im Fahrzeug der Zugnummer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="207"> <xs:annotation> <xs:documentation>Teilzone</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="208"> <xs:annotation> <xs:documentation>neutrale Zone</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="209"> <xs:annotation> <xs:documentation>Wabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="210"> <xs:annotation> <xs:documentation>Grosswabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="211"> <xs:annotation> <xs:documentation>Tarifpunkt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="212"> <xs:annotation> <xs:documentation>Backoffice</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="251"> <xs:annotation> <xs:documentation>Ortsteil</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="252"> <xs:annotation> <xs:documentation>Gemeinde</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="253"> <xs:annotation> <xs:documentation>Kreis</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="254"> <xs:annotation> <xs:documentation>Land</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="255"> <xs:annotation> <xs:documentation>keine Angabe</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/1/XML-Schema_ION.xsd |

Simple Type `tns:Abrechnungsverfahren_CODE_Type`

| | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|--|--|--------------|-----|--|--------------|---|--|-------------|---|--------------|-------------|---|----------|-------------|---|-----------|-------------|---|-----------|
| Namespace | http://vdv/ka/ion/1 | | | | | | | | | | | | | | | | | | | | |
| 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 | Element | 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/1/XML-Schema_ION.xsd | | | | | | | | | | | | | | | | | | | | |

Simple Type `tns:Bezahlart_CODE_Type`

| | | | |
|----------------|--|--------------|-----|
| Namespace | http://vdv/ka/ion/1 | | |
| Annotations | Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation). | | |
| Diagram |  | | |
| Type | restriction of <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:Bezahlart_CODE_Type</code> | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td><td>255</td></tr> </table> | maxInclusive | 255 |
| maxInclusive | 255 | | |

| | | | |
|----------------------|---|------------------------------|----------------------|
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Bar |
| | enumeration | 3 | Kreditkarte |
| | enumeration | 5 | POB/PEB |
| | enumeration | 6 | EC-Karte/Lastschrift |
| | enumeration | 8 | Werteinheiten |
| | enumeration | 17 | ec-Cash |
| | enumeration | 24 | Geldkarte |
| | enumeration | 25 | Mastercard |
| | enumeration | 26 | Visacard |
| Used by | Element | 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).</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>Bar</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Kreditkarte</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>POB/PEB</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"> <xs:annotation> <xs:documentation>EC-Karte/Lastschrift</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Werteinheiten</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="17"> <xs:annotation> <xs:documentation>ec-Cash</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="24"> <xs:annotation> <xs:documentation>Geldkarte</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="25"> <xs:annotation> <xs:documentation>Mastercard</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="26"> <xs:annotation> <xs:documentation>Visacard</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/ ion/1/XML-Schema_ION.xsd | | |

Simple Type `tns:TerminalTyp_CODE_Type`

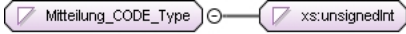
| | | | |
|----------------|--|----------------------------------|---|
| Namespace | http://vdv/ka/ion/1 | | |
| Annotations | Der TerminalTyp_CODE klassifiziert Terminals. | | |
| Diagram |  | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">• xs:unsignedInt<ul style="list-style-type: none">• tns:INT1<ul style="list-style-type: none">• tns:TerminalTyp_CODE_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Erfassungsterminal fuer (CICO/BIBO) |
| | enumeration | 2 | Verkaufsautomat(z. B. Berechtigungen) |
| | enumeration | 3 | Kontrollterminal (mobil,personalbedient) |
| | enumeration | 4 | Kartenausgabeterminal |
| | enumeration | 5 | Kartenrueckgabeterminal |
| | enumeration | 6 | Einstiegskontrollgeraet/Entwerter |
| | enumeration | 7 | Multifunktionsterminal |
| | enumeration | 8 | Informationsterminal |
| | enumeration | 9 | Ladeterminal fuer OePV-Werteinheiten |
| | enumeration | 13 | Terminal beim Massenpersonalisierer |
| | enumeration | 14 | Terminal in Vertriebs- oder Servicestelle (personalbedient) |
| | enumeration | 15 | Fahrerterminal (Verkauf und Kontrolle) |
| | enumeration | 16 | HandyTicketserver |
| Used by | Element | tns:Terminal_ID_Type/terminalTyp | |
| Source | <pre><xs:simpleType name="TerminalTyp_CODE_Type"> <xs:annotation> <xs:documentation>Der TerminalTyp_CODE klassifiziert Terminals.</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>Erfassungsterminal fuer (CICO/BIBO)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Verkaufsautomat(z. B. Berechtigungen)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Kontrollterminal (mobil,personalbedient)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="4"> <xs:annotation> <xs:documentation>Kartenausgabeterminal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>Kartenrueckgabeterminal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="6"></pre> | | |

| | |
|-----------------|---|
| | <pre> <xs:annotation> <xs:documentation>Einstiegskontrollgeraet/Entwerter</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>Multifunktionsterminal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="8"> <xs:annotation> <xs:documentation>Informationsterminal</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="9"> <xs:annotation> <xs:documentation>Ladeterminale fuer OePV-Werteinheiten</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="13"> <xs:annotation> <xs:documentation>Terminal beim Massenpersonalisierer</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="14"> <xs:annotation> <xs:documentation>Terminal in Vertriebs- oder Servicestelle (personalbedient)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> <xs:documentation>Fahrerterminal (Verkauf und Kontrolle)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="16"> <xs:annotation> <xs:documentation>HandyTicketserver</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/1/XML-Schema_ION.xsd |


Simple Type tns:SAM_ID_Type

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/ion/1 | | | | |
| Annotations | Type: Eindeutiger Identifizierer eines Secure Application Module (SAM) | | | | |
| Diagram | <pre> classDiagram class SAM_ID_Type["SAM_ID_Type"] class ct_ReferenceNumberThree["ct:ReferenceNumberThree"] SAM_ID_Type -- > ct_ReferenceNumberThree </pre> | | | | |
| Type | tns:ReferenceNumberThree | | | | |
| 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 | | | | |
| 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 | Element tns:NmTransaktion_ID_Type/samNummer | | | | |
| 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/1/XML-Schema_ION.xsd | | | | |

Simple Type `tns:Mitteilung_CODE_Type`

| | | | | | | | | | |
|-----------------|---|-------------|---|-------------|---|-------------|---|-------------|---|
| Namespace | http://vdv/ka/ion/1 | | | | | | | | |
| 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 <code>tns:TX_SMIT_Type/sperrEntscheidung</code> | | | | | | | | |
| 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/1/XML-Schema_ION.xsd | | | | | | | | |

Simple Type `tns:CommonServiceResultCode`

| | | | |
|----------------|---|-----|---|
| Namespace | http://vdv/ka/ion/1 | | |
| 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 | 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 im KOSES unbekannt |
| | enumeration | 5 | Die Organisation wurde durch den AH gesperrt |
| 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:restriction> </xs:simpleType></pre> | | |

| | |
|-----------------|---|
| | <pre> <xs:enumeration value="3"> <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 im KOSES 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: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/1/XML-Schema_ION.xsd |

Namespace: "http://vdv/ka/kose/types/1"

Schema(s)

Imported schema XML-Schema_KOSE_Types.xsd

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Properties | attribute form default: unqualified element form default: unqualified |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type(s)

Simple Type tns:SperrModus_Type


| | | | |
|----------------|---|---------------------------------|---|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Ergebnis der Dienstanfrage | | |
| 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:SperrModus_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Sperrung der Applikation oder Berechtigung ohne Einzug des Nutzermediums |
| | enumeration | 1 | Sperrung der gesamten Applikation mit Einzug des Nutzermediums |
| | enumeration | 2 | Temporaere Berechtigungssperre (keine Statusaenderung vornehmen, aber Akzeptanz ablehnen) |
| Used by | Element | tns:TX_SAUF_Type/tns:sperrModus | |
| Source | <pre><xs:simpleType name="SperrModus_Type"> <xs:annotation> <xs:documentation>Ergebnis der Dienstanfrage</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Sperrung der Applikation oder Berechtigung ohne Einzug des Nutzermediums</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | |

| | |
|----------------------|---|
| | <pre> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Sperrung der gesamten Applikation mit Einzug des Nutzermediums</ xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Temporaere Berechtigungssperre (keine Statusaenderung vornehmen, aber Akzeptanz ablehnen)</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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type `tns:SperrStatus_Type`

| | | | |
|-----------------|---|-----|---------------------------------|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Art der Sperrung (Sperreintrag / Sperrfreigabe) | | |
| 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:SperrStatus_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 1 | Sperreintrag (Zugang) |
| | enumeration | 2 | Sperreintrag entfaellt (Abgang) |
| Source | <pre><xs:simpleType name="SperrStatus_Type"> <xs:annotation> <xs:documentation>Art der Sperrung (Sperreintrag / Sperrfreigabe)</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Sperreintrag (Zugang)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Sperreintrag entfaellt (Abgang)</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/kose/types/1/XML-Schema_KOSE_Types.xsd | | |

Simple Type `tns:Sperrgrund_Type`

| | |
|---------------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Typ: Beschreibung des Sperrgrunds. |
| Diagram |  |
| Type | <code>tns:SperrgrundCode_Type</code> |
| Type hierar- chy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SperrgrundCode_Type tns:Sperrgrund_Type |

| | | |
|-----------------|--|-----|
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Source | <pre><xs:simpleType name="Sperrgrund_Type"> <xs:annotation> <xs:documentation>Typ: Beschreibung des Sperrgrunds.</xs:documentation> </xs:annotation> <xs:restriction base="tns:SperrgrundCode_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/kose/types/1/XML-Schema_KOSE_Types.xsd | |

Simple Type tns:SperrgrundCode_Type

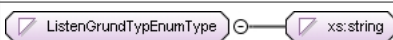
| | | |
|-----------------|---|---------------------|
| Namespace | http://vdv/ka/kose/types/1 | |
| Annotations | Type: Code der den Grund der Sperre definiert. | |
| Diagram | <pre>graph LR SperrgrundCode_Type[tns:SperrgrundCode_Type] --- restriction INT1[ct:INT1]</pre> | |
| Type | tns:INT1 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SperrgrundCode_Type | |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Used by | Simple Type | tns:Sperrgrund_Type |
| Source | <pre><xs:simpleType name="SperrgrundCode_Type"> <xs:annotation> <xs:documentation>Type: Code der den Grund der Sperre definiert.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | |

Simple Type tns:SperrlistenZyklusNummer_Type

| | | |
|----------------|---|---|
| Namespace | http://vdv/ka/kose/types/1 | |
| Annotations | <p>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.</p> <p>Wird eine Differenzsperrliste unter Angabe der sperrlistenZyklusNummer angefordert, so werden alle Sperrobjektaenderungen zwischen dieser ZyklusNummer und der aktuellen ZyklusNummer uebertragen.</p> | |
| Diagram | <pre>graph LR SperrlistenZyklusNummer_Type[tns:SperrlistenZyklusNummer_Type] --- restriction INT4[ct:INT4]</pre> | |
| Type | tns:INT4 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:SperrlistenZyklusNummer_Type | |
| Facets | maxInclusive | 4294967295 |
| | minInclusive | 0 |
| Used by | Elements | tns:ZyklusOrgType/zyklusNummer, tns:ZyklusZyklusType/zyklusNummer |
| Source | <pre><xs:simpleType name="SperrlistenZyklusNummer_Type"> <xs:annotation></pre> | |


| | |
|----------------------|---|
| | <pre> <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 loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type `tns:ListenGrundTypeEnumType`

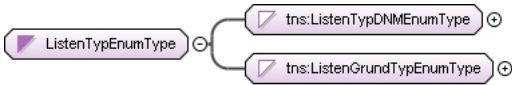
| | | | |
|----------------------|--|---|-------------------------------------|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Grundsaeztliche Arten von im Koses verwaltete Listen | | |
| Diagram |  | | |
| Type | restriction of xs:string | | |
| Facets | enumeration | NM | Sperrliste Nutzermedien |
| | enumeration | SAM | Sperrliste SAMs |
| | enumeration | ORG | Sperrliste Organisatonen |
| | enumeration | SYMKEY | Sperrliste symmetrische Schluessel |
| | enumeration | ASYMKEY | Sperrliste asymmetrische Schluessel |
| | enumeration | SNW | Sperrnachweisliste |
| Used by | Element | tns:FehlendeListenEnumType/fehlendeListeTyp | |
| Source | <pre><xs:simpleType name="ListenGrundTypeEnumType"> <xs:annotation> <xs:documentation>Grundsaeztliche Arten von im Koses verwaltete Listen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:enumeration value="NM"> <xs:annotation> <xs:documentation>Sperrliste Nutzermedien</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SAM"> <xs:annotation> <xs:documentation>Sperrliste SAMs</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ORG"> <xs:annotation> <xs:documentation>Sperrliste Organisatonen</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SYMKEY"> <xs:annotation> <xs:documentation>Sperrliste symmetrische Schluessel</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="ASYMKEY"> <xs:annotation> <xs:documentation>Sperrliste asymmetrische Schluessel</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="SNW"> <xs:annotation> <xs:documentation>Sperrnachweisliste</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/kose/types/1/XML-Schema_KOSE_Types.xsd | | |

Simple Type `tns:ListenTypDNMEnumType`

| | |
|-----------|----------------------------|
| Namespace | http://vdv/ka/kose/types/1 |
|-----------|----------------------------|

| | |
|-----------------|--|
| Diagram |  |
| Type | restriction of xs:string |
| Facets | enumeration DNM Differenzperrliste Nutzermedien |
| Source | <pre><xs:simpleType name="ListenTypDNMEnumType"> <xs:restriction base="xs:string"> <xs:enumeration value="DNM"> <xs:annotation> <xs:documentation>Differenzperrliste Nutzermedien</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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type tns:ListenTypeEnumType

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Arten von im KOSES verwaltete Listen |
| Diagram |  |
| Type | union of(tns:ListenTypDNMEnumType, tns:ListenGrundTypEnumType) |
| Source | <pre><xs:simpleType name="ListenTypeEnumType"> <xs:annotation> <xs:documentation>Arten von im KOSES verwaltete Listen</xs:documentation> </xs:annotation> <xs:union memberTypes="tns:ListenTypDNMEnumType tns:ListenGrundTypEnumType" /> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type tns:ListStatusErrorCode

| | | | |
|----------------|---|-----|---|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Fehlercodes der Verarbeitung einer vom KOSE ausgelieferten Sperrliste in einem KOSE-Clientsystem. Werden fuer den KOSE Service 'reqListStatusNOK' innerhalb von TXA verwendet. | | |
| 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:ListStatusErrorCode | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 60 | Verarbeitung beim Listenempfaenger: Die Liste konnte nicht extrahiert werden |
| | enumeration | 61 | Verarbeitung beim Listenempfaenger: Liste konnte nicht eingelesen werden (Formatfehler) |
| | enumeration | 62 | Verarbeitung beim Listenempfaenger: Liste enthielt fehlerhafte Daten (Semantikfehler) |
| | enumeration | 63 | Verarbeitung beim Listenempfaenger: Sonstige Probleme bei der Verarbeitung |
| Source | <pre><xs:simpleType name="ListStatusErrorCode"> <xs:annotation> <xs:documentation>Fehlercodes der Verarbeitung einer vom KOSE ausgelieferten Sperrliste in einem KOSE-Clientsystem. Werden fuer den KOSE Service 'reqListStatusNOK' innerhalb von TXA verwendet.</ xs:documentation> </xs:annotation></pre> | | |

| | |
|----------------------|--|
| | <pre> <xs:restriction base="ct:INT1"> <!-- Melden des Bearbeitungsstatus einer Liste (Request ueber TXA) --> <xs:enumeration value="60"> <xs:annotation> <xs:documentation>Verarbeitung beim Listenempfaenger: Die Liste konnte nicht extrahiert werden</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="61"> <xs:annotation> <xs:documentation>Verarbeitung beim Listenempfaenger: Liste konnte nicht eingelesen werden (Formatfehler)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="62"> <xs:annotation> <xs:documentation>Verarbeitung beim Listenempfaenger: Liste enthielt fehlerhafte Daten (Semantikfehler)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="63"> <xs:annotation> <xs:documentation>Verarbeitung beim Listenempfaenger: Sonstige Probleme bei der Verarbeitung</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/ kose/types/1/XML-Schema_KOSE_Types.xsd |

Simple Type tns:SperrlistenErgebnisCode

| | | | |
|----------------------|--|-----|--|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Vom Koses verwendete Antwortcodes bei Sperrlistenauslieferungen. | | |
| Diagram | | | |
| Type | restriction of tns:INT1 | | |
| Type hierar- chy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:SperrlistenErgebnisCode | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Es handelt sich um die erste Auslieferung dieser Liste an diese Rolle dieser Organisation im aktuellen Zyklus. |
| | enumeration | 50 | Die Liste dieses Typs wurde im aktuellen Zyklus bereits von dieser Rolle dieser Organisation angefordert. |
| Source | <pre> <xs:simpleType name="SperrlistenErgebnisCode"> <xs:annotation> <xs:documentation>Vom Koses verwendete Antwortcodes bei Sperrlistenauslieferungen.</ xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Es handelt sich um die erste Auslieferung dieser Liste an diese Rolle dieser Organisation im aktuellen Zyklus.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="50"> <xs:annotation> <xs:documentation>Die Liste dieses Typs wurde im aktuellen Zyklus bereits von dieser Rolle dieser Organisation angefordert.</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/ kose/types/1/XML-Schema_KOSE_Types.xsd | | |

Simple Type `tns:KoseErrorCode`

| | | | |
|----------------|--|-----|---|
| Namespace | http://vdv/ka/kose/types/1 | | |
| Annotations | Vom Koses verwendete Fehlercodes. | | |
| Diagram | <pre> graph LR KoseErrorCode -- restriction --> ctINT1[ct:INT1] </pre> | | |
| Type | restriction of <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:KoseErrorCode</code> | | |
| Facets | <code>maxInclusive</code> | 255 | |
| | <code>minInclusive</code> | 0 | |
| | <code>enumeration</code> | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. |
| | <code>enumeration</code> | 3 | Falsche Senderrolle |
| | <code>enumeration</code> | 4 | Organisations-ID des Senders ist im Koses unbekannt |
| | <code>enumeration</code> | 5 | Die Organisation wurde durch den AH gesperrt |
| | <code>enumeration</code> | 10 | Der Sperrauftrag ist nicht vorhanden im Koses. Falls Sperrnachweise oder Sperrfreigabeauftraege gesendet werden, muss hierzu ein Sperrauftrag existieren. |
| | <code>enumeration</code> | 11 | Sender darf keine organisationsfremdes Sperrojekt initiieren. (Die OrganisationsId des Sperrojekts stimmt nicht mit der SenderID ueberein) |
| | <code>enumeration</code> | 12 | Duplikat:Der Sperrauftrag befindet sich bereits im System |
| | <code>enumeration</code> | 13 | Der verwendete Sperrgrund Code ist unbekannt / im Kose nicht hinterlegt. |
| | <code>enumeration</code> | 14 | Start- und / oder Ablaufdatum waren nicht gesetzt. |
| | <code>enumeration</code> | 15 | Das Ablaufdatum liegt in der Vergangenheit |
| | <code>enumeration</code> | 16 | Das Startdatum liegt hinter dem Ablaufdatum (temporaere Sperre) |
| | <code>enumeration</code> | 17 | Die Organisations-ID des Produktverantwortlichen ist im Kose nicht bekannt. |
| | <code>enumeration</code> | 18 | Die zu sperrende Organisation ist im Koses unbekannt. |
| | <code>enumeration</code> | 19 | Das Trust-Center ist nicht erreichbar. Auftrag muss wiederholt werden. |
| | <code>enumeration</code> | 20 | Eine Organisation darf sich nicht selbst sperren. In diesem Fall hat der AH versucht, seine eigene ORG-ID zu sperren. |
| | <code>enumeration</code> | 21 | Das Startdatum ist gesetzt, obwohl keine temporaere Sperre vorliegt |
| | <code>enumeration</code> | 30 | Duplikat:Der Sperrnachweis befindet sich bereits im System |
| | <code>enumeration</code> | 31 | Der Sperrnachweis enthaelt eine ungueltige binaere Transaktion |
| | <code>enumeration</code> | 40 | Ein Sperrnachweis hat bereits die Sperrung erwirkt. |
| | <code>enumeration</code> | 41 | Duplikat:Die Sperrfreigabe befindet sich bereits im System |
| | <code>enumeration</code> | 42 | Der urspruengliche Sperrauftrag hat einen Sperrgrund der eine Freigabe nicht erlaubt. (z.B. Zertifikatssperre) |

| | | |
|-------------|---|---|
| enumeration | 43 | Sperrfreigabe: die KVP ID der Applikationsinstanz stimmt nicht mit dem Sender ueberein |
| enumeration | 44 | Sperrfreigabe: die KVP ID der Berechtigungsnummer stimmt nicht mit dem Sender ueberein |
| enumeration | 45 | Synchronnummer der Statusaenderungen der Applikation im Request stimmt nicht mit Eintrag im KOSSES ueberein |
| enumeration | 46 | Synchronnummer der Statusaenderungen der Berechtigung im Request stimmt nicht mit Eintrag im KOSSES ueberein |
| enumeration | 47 | Die SAM Sequenznummer stimmt nicht mit der des Sperrauftrages im KOSSES ueberein. |
| enumeration | 48 | Sperrfreigabe: Der Sender ist nicht der Eigentuerer des Schlüssels |
| enumeration | 51 | Dieser Zyklus ist im KOSSES ungültig (nicht vorhanden oder zu alt).Bitte eine Gesamtsperrliste anfordern. |
| enumeration | 52 | Der Zyklus fuer die Sperrlisten wird gerade erzeugt. Daher kann zurzeit keine Liste angefordert werden. |
| enumeration | 70 | Die Transaktion fuer die urspruengliche Listenanforderung existiert nicht im System |
| enumeration | 71 | Verarbeitungsergebnis wurde bereits mit anderer Transaktion mitgeteilt |
| enumeration | 72 | Verarbeitungsergebnis wurde bereits mit derselben Transaktions-ID mitgeteilt (Duplikat) |
| enumeration | 73 | Die ID des Senders der Verarbeitungsbestaetigung ist nicht gleich der ID des Auftraggebers fuer die Liste. |
| enumeration | 74 | Ungültiger Statuscode fuer das Ergebnis der Listenverarbeitung beim Verkehrsunternehmen. |
| enumeration | 80 | Das Produkt, dessen Akzeptanzeinstellung veraendert werden soll, gehoert nicht zum sendenden PV. |
| enumeration | 81 | Das Produkt ist bereits in der Akzeptanzliste der Organisation. |
| enumeration | 82 | Das Produkt war nicht in der Akzeptanzliste der Organisation. |
| enumeration | 83 | Fuer eine Produkt-ID wurde nur die ID des PV uebertragen, aber keine Produktnummer. Das ist nicht zulaessig, da dies einer Deaktivierung des PV gleich kaeme. |
| enumeration | 84 | Es wurde ein Akzeptanzkandidat fuer ein Produkt uebermittelt, der nicht vorhanden oder nicht aktiv ist. |
| Source | <pre> <xs:simpleType name="KoseErrorCode"> <xs:annotation> <xs:documentation>Vom KOSSES verwendete Fehlercodes.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <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"> <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 im KOSSES unbekannt</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> | |

```

</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>Die Organisation wurde durch den AH gesperrt</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<!-- Sperrauftraege -->
<xs:enumeration value="10">
  <xs:annotation>
    <xs:documentation>Der Sperrauftrag ist nicht vorhanden im KOSES. Falls Sperrnachweise oder
    Sperrfreigabeauftraege gesendet werden, muss hierzu ein Sperrauftrag existieren.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="11">
  <xs:annotation>
    <xs:documentation>Sender darf keine organisationsfremdes Sperrobjekt initiieren. (Die
    OrganisationsId des Sperrobjekts stimmt nicht mit der SenderID ueberein)</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="12">
  <xs:annotation>
    <xs:documentation>Duplikat:Der Sperrauftrag befindet sich bereits im System</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="13">
  <xs:annotation>
    <xs:documentation>Der verwendete Sperrgrund Code ist unbekannt / im Kose nicht hinterlegt.</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="14">
  <xs:annotation>
    <xs:documentation>Start- und / oder Ablaufdatum waren nicht gesetzt.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="15">
  <xs:annotation>
    <xs:documentation>Das Ablaufdatum liegt in der Vergangenheit</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
  <xs:annotation>
    <xs:documentation>Das Startdatum liegt hinter dem Ablaufdatum (temporaere Sperre)</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="17">
  <xs:annotation>
    <xs:documentation>Die Organisations-ID des Produktverantwortlichen ist im Kose nicht
    bekannt.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
  <xs:annotation>
    <xs:documentation>Die zu sperrende Organisation ist im KOSES unbekannt.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="19">
  <xs:annotation>
    <xs:documentation>Das Trust-Center ist nicht erreichbar. Auftrag muss wiederholt werden.</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
  <xs:annotation>
    <xs:documentation>Eine Organisation darf sich nicht selbst sperren. In diesem Fall hat der
    AH versucht, seine eigene ORG-ID zu sperren.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
  <xs:annotation>
    <xs:documentation>Das Startdatum ist gesetzt, obwohl keine temporaere Sperre vorliegt</
xs:documentation>
  </xs:annotation>
</xs:enumeration>
<!-- Sperrnachweise -->
<xs:enumeration value="30">
  <xs:annotation>
    <xs:documentation>Duplikat:Der Sperrnachweis befindet sich bereits im System</
xs:documentation>
  </xs:annotation>
</xs:enumeration>

```

```

    <xs:enumeration value="31">
      <xs:annotation>
        <xs:documentation>Der Sperrnachweis enthaelt eine ungueltige binaere Transaktion</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <!-- Sperrfreigabeauftraege -->
    <xs:enumeration value="40">
      <xs:annotation>
        <xs:documentation>Ein Sperrnachweis hat bereits die Sperrung erwirkt.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="41">
      <xs:annotation>
        <xs:documentation>Duplikat:Die Sperrfreigabe befindet sich bereits im System</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="42">
      <xs:annotation>
        <xs:documentation>Der urspruengliche Sperrauftrag hat einen Sperrgrund der eine Freigabe
nicht erlaubt. (z.B. Zertifikatssperre)</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="43">
      <xs:annotation>
        <xs:documentation>Sperrfreigabe: die KVP ID der Applikationsinstanz stimmt nicht mit dem
Sender ueberein</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="44">
      <xs:annotation>
        <xs:documentation>Sperrfreigabe: die KVP ID der Berechtigungsnummer stimmt nicht mit dem
Sender ueberein</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="45">
      <xs:annotation>
        <xs:documentation>Synchronnummer der Statusaenderungen der Applikation im Request stimmt
nicht mit Eintrag im KOSES ueberein</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="46">
      <xs:annotation>
        <xs:documentation>Synchronnummer der Statusaenderungen der Berechtigung im Request stimmt
nicht mit Eintrag im KOSES ueberein</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="47">
      <xs:annotation>
        <xs:documentation>Die SAM Sequenznummer stimmt nicht mit der des Sperrauftrages im KOSES
ueberein.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="48">
      <xs:annotation>
        <xs:documentation>Sperrfreigabe: Der Sender ist nicht der Eigentuerer des Schluessels</
xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <!-- Sperrlisten -->
    <xs:enumeration value="51">
      <xs:annotation>
        <xs:documentation>Dieser Zyklus ist im KOSES ungueltig (nicht vorhanden oder zu alt).Bitte
eine Gesamtsperlliste anfordern.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="52">
      <xs:annotation>
        <xs:documentation>Der Zyklus fuer die Sperrlisten wird gerade erzeugt. Daher kann zurzeit
keine Liste angefordert werden.</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <!-- Koses Antwort auf das Melden des Verarbeitungsstatus einer Liste -->
    <xs:enumeration value="70">
      <xs:annotation>
        <xs:documentation>Die Transaktion fuer die urspruengliche Listenanforderung existiert nicht
im System</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="71">
      <xs:annotation>

```

```

        <xs:documentation>Verarbeitungsergebnis wurde bereits mit anderer Transaktion mitgeteilt</
xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="72">
        <xs:annotation>
            <xs:documentation>Verarbeitungsergebnis wurde bereits mit derselben Transaktions-ID
mitgeteilt (Duplikat)</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="73">
        <xs:annotation>
            <xs:documentation>Die ID des Senders der Verarbeitungsbestaetigung ist nicht gleich der ID
des Auftraggebers fuer die Liste.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="74">
        <xs:annotation>
            <xs:documentation>Ungueltiger Statuscode fuer das Ergebnis der Listenverarbeitung beim
Verkehrsunternehmen.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <!-- Stammdaten -->
    <xs:enumeration value="80">
        <xs:annotation>
            <xs:documentation>Das Produkt, dessen Akzeptanzeinstellung veraendert werden soll, gehoert
nicht zum sendenden PV.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="81">
        <xs:annotation>
            <xs:documentation>Das Produkt ist bereits in der Akzeptanzliste der Organisation.</
xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="82">
        <xs:annotation>
            <xs:documentation>Das Produkt war nicht in der Akzeptanzliste der Organisation.</
xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="83">
        <xs:annotation>
            <xs:documentation>Fuer eine Produkt-ID wurde nur die ID des PV ueebertragen, aber keine
Produktnummer. Das ist nicht zulaessig, da dies einer Deaktivierung des PV gleich kaeme.</
xs:documentation>
        </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="84">
        <xs:annotation>
            <xs:documentation>Es wurde ein Akzeptanzkandidat fuer ein Produkt uebermittelt, der nicht
vorhanden oder nicht aktiv ist.</xs:documentation>
        </xs:annotation>
    </xs:enumeration>
</xs:restriction>
</xs:simpleType>

```

| | |
|----------------------|--|
| Schema loca- tion | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ kose/types/1/XML-Schema_KOSE_Types.xsd |
|----------------------|--|

Complex Type(s)

Complex Type tns:NmTransaktion_ID_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Typ: Datenstruktur Nm_Transaktion_ID bestehend aus SAM_ID des an der Transaktion beteiligten SAM und Sequenznummer des fuer die Transaktion verantwortlichen SAMs. Die Sequenznummer wird von dem SAM erzeugt. |
| Diagram | |
| Model | samSequenznummer , samNummer |
| Children | samNummer, samSequenznummer |
| Source | <pre> <xs:complexType name="NmTransaktion_ID_Type"> <xs:annotation> </pre> |

| | |
|-----------------|---|
| | <pre> <xs:documentation>Typ: Datenstruktur Nm_Transaktion_ID bestehend aus SAM_ID des an der Transaktion beteiligten SAM und Sequenznummer des fuer die Transaktion verantwortlichen SAMs. Die Sequenznummer wird von dem SAM erzeugt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="samSequenznummer" type="ct:SequenceNumberFour" /> <xs:element name="samNumber" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:BerKandidatListeType

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Liste der Kandidaten fuer die die Anzahl der Berechtigungssperren und deren Verbleib in den NM Sperrlisten ermittelt wurde. |
| Diagram | |
| Model | kandidat* |
| Children | kandidat |
| Source | <pre> <xs:complexType name="BerKandidatListeType"> <xs:annotation> <xs:documentation>Liste der Kandidaten fuer die die Anzahl der Berechtigungssperren und deren Verbleib in den NM Sperrlisten ermittelt wurde.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element type="tns:BerKandidatType" name="kandidat" maxOccurs="unbounded" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:BerKandidatType

| | |
|-------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Kandidat fuer den die Anzahl der Berechtigungssperren und deren Verbleib in den NM Sperrlisten ermittelt wurde. |
| Diagram | |
| Used by | Element tns:BerKandidatListeType/kandidat |
| Model | kandidatId , anzahlSperren , aufSperrliste |
| Children | anzahlSperren, aufSperrliste, kandidatId |
| Source | <pre> <xs:complexType name="BerKandidatType"> <xs:annotation> <xs:documentation>Kandidat fuer den die Anzahl der Berechtigungssperren und deren Verbleib in den NM Sperrlisten ermittelt wurde.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID" /> </xs:simpleType> </xs:element> <xs:element name="anzahlSperren"> <xs:simpleType> <xs:restriction base="ct:INT4" /> </xs:simpleType> </xs:element> <xs:element name="aufSperrliste"> <xs:annotation> <xs:documentation>Durchschnittliche Dauer des Verbleibs auf Sperrliste in Tagen</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="ct:INT2" /> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre> |

| | |
|-----------------|---|
| | <pre> </xs:simpleType> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:ZyklusListeZyklenType

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Model | zyklus* |
| Children | zyklus |
| Source | <pre> <xs:complexType name="ZyklusListeZyklenType"> <xs:sequence> <xs:element type="tns:ZyklusZyklenType" name="zyklus" maxOccurs="unbounded" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:ZyklusZyklenType

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:ZyklusListeZyklenType/zyklus |
| Model | zyklusNummer , zyklusDatum , kandidatListe |
| Children | kandidatListe, zyklusDatum, zyklusNummer |
| Source | <pre> <xs:complexType name="ZyklusZyklenType"> <xs:sequence> <xs:element name="zyklusNummer"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusNummer_Type" /> </xs:simpleType> </xs:element> <xs:element name="zyklusDatum" type="ct:DateTime" /> <xs:element type="tns:KandidatListeZyklenType" name="kandidatListe" /> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:KandidatListeZyklenType

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:ZyklusZyklenType/kandidatListe |
| Model | kandidat* |
| Children | kandidat |
| Source | <pre> <xs:complexType name="KandidatListeZyklenType"> <xs:sequence> <xs:element type="tns:KandidatZyklenType" name="kandidat" maxOccurs="unbounded" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:KandidatZyklenType

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:KandidatListeZyklenType/kandidat |
| Model | kandidatId , kandidatRolle , fehlendeListen{0,1} |
| Children | fehlendeListen, kandidatId, kandidatRolle |
| Source | <pre> <xs:complexType name="KandidatZyklenType"> <xs:sequence> <xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID"/> </xs:simpleType> </xs:element> <xs:element name="kandidatRolle"> <xs:simpleType> <xs:restriction base="ka:KommunikationsParterRolle"/> </xs:simpleType> </xs:element> <xs:element type="tns:FehlendeListenEnumType" name="fehlendeListen" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:FehlendeListenEnumType

| | |
|-----------------|--|
| Namespace | http://vdv/ka/kose/types/1 |
| Annotations | Arten von Listen, die moeglicherweise nicht abgeholt wurden |
| Diagram | |
| Used by | Elements tns:KandidatZyklenType/fehlendeListen, tns:ZyklusOrgType/fehlendeListen |
| Model | fehlendeListeTyp* |
| Children | fehlendeListeTyp |
| Source | <pre> <xs:complexType name="FehlendeListenEnumType"> <xs:annotation> <xs:documentation>Arten von Listen, die moeglicherweise nicht abgeholt wurden</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="fehlendeListeTyp" maxOccurs="unbounded" minOccurs="0"> <xs:simpleType> <xs:restriction base="tns:ListenGrundTypEnumType"/> </xs:simpleType> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:KandidatListeOrgType

| | |
|-----------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Model | kandidat* |
| Children | kandidat |
| Source | <pre> <xs:complexType name="KandidatListeOrgType"> <xs:sequence> <xs:element type="tns:KandidatOrgType" name="kandidat" maxOccurs="unbounded" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |
|-----------------|---|

Complex Type tns:KandidatOrgType

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:KandidatListeOrgType/kandidat |
| Model | kandidatId , kandidatRolle , zyklusListe |
| Children | kandidatId, kandidatRolle, zyklusListe |
| Source | <pre> <xs:complexType name="KandidatOrgType"> <xs:sequence> <xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID"/> </xs:simpleType> </xs:element> <xs:element name="kandidatRolle"> <xs:simpleType> <xs:restriction base="ka:KommunikationsParterRolle"/> </xs:simpleType> </xs:element> <xs:element type="tns:ZyklusListeOrgType" name="zyklusListe"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:ZyklusListeOrgType

| | |
|-----------------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:KandidatOrgType/zyklusListe |
| Model | zyklus* |
| Children | zyklus |
| Source | <pre> <xs:complexType name="ZyklusListeOrgType"> <xs:sequence> <xs:element type="tns:ZyklusOrgType" name="zyklus" maxOccurs="unbounded" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Complex Type tns:ZyklusOrgType

| | |
|-----------|---|
| Namespace | http://vdv/ka/kose/types/1 |
| Diagram | |
| Used by | Element tns:ZyklusListeOrgType/zyklus |
| Model | zyklusNummer , zyklusDatum , fehlendeListen{0,1} |
| Children | fehlendeListen, zyklusDatum, zyklusNummer |
| Source | <pre> <xs:complexType name="ZyklusOrgType"> <xs:sequence> <xs:element name="zyklusNummer"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusNummer_Type"/> </xs:simpleType> </xs:element> <xs:element name="zyklusDatum"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusDatum_Type"/> </xs:simpleType> </xs:element> <xs:element name="fehlendeListen"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusFehlendeListen_Type"/> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </pre> |

| | |
|-----------------|---|
| | <pre> </xs:simpleType> </xs:element> <xs:element name="zyklusDatum" type="ct:DateTime"/> <xs:element type="tns:FehlendeListenEnumType" name="fehlendeListen" minOccurs="0" maxOccurs="1"/ > </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/kose/types/1/XML-Schema_KOSE_Types.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> <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/1/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/1/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 <ul style="list-style-type: none"> tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo <ul style="list-style-type: none"> 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/1/XML-Schema_ION.xsd | | | | |

Element **tns:ION_TX_HEADER_Type** / **transEmpfaengerRolle**

| | | | |
|----------------|---|--------|-----------|
| Namespace | No namespace | | |
| Annotations | Rolle des Nachrichtenempfangers | | |
| Diagram | | | |
| Type | tns:KommunikationsParterRolle | | |
| 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 | | |
| 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/1/XML-Schema_ION.xsd | | |

Element **tns:ION_TX_HEADER_Type / transStatus**

| | | | | | | | |
|-----------------|---|--------------|--------|--------------|---|------------|---|
| 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 | <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/1/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/1/XML-Schema_ION.xsd |

Element **tns:IONTransaktion_ID_Type / transSequenznummer**

| | |
|----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SequenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:SequenceNumberFour |
| 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/1/XML-Schema_ION.xsd |

Element tns:IONTransaktion_ID_Type / transSenderRolle

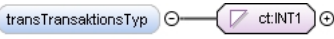
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:KommunikationsParterRolle |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 0 Unbekannt |
| | enumeration 1 KVP |
| | enumeration 2 DL |
| | enumeration 3 PV |
| | enumeration 4 AH |
| | enumeration 5 KOSES |
| | enumeration 254 ZVM |
| Source | <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/1/XML-Schema_ION.xsd |

Element tns:IONTransaktion_ID_Type / transSender_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="transSender_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/1/XML-Schema_ION.xsd |

Element tns:ION_TX_HEADER_Type / transTransaktionsTyp


| | |
|-----------|--------------|
| 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="transTransaktionsTyp" 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/1/XML-Schema_ION.xsd | | | | | | |


Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt

| | | | |
|-----------------|---|----------|--------|
| Namespace | No namespace | | |
| Annotations | Zeitpunkt der Dienstanfrage gemäss den Angaben der Dienstaufbauers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist möglicherweise die Aussagekraft dieses Feldes sehr gering. | | |
| Diagram |  | | |
| Type | tns:DateTime | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Source | <pre><xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Dienstanfrage gemäss den Angaben der Dienstaufbauers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist möglicherweise 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/1/XML-Schema_ION.xsd | | |

Element tns:ION_TX_HEADER_Type / transVersion

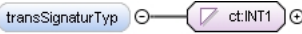
| | | | | | | | |
|-----------------|---|----------|--------|------------|--|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:BitString16 | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>0</td></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>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] | | | | | | |
| 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/1/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> </table> | content: | simple |
| content: | simple | | |

| | |
|-----------------|---|
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | 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/1/XML-Schema_ION.xsd |


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

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:INT1 |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | 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/1/XML-Schema_ION.xsd |

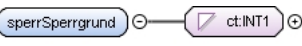
Element **tns:ION_TX_HEADER_Type** / **transSignaturZertifikat**

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | 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/1/XML-Schema_ION.xsd |


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

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:TransSignatur_Type |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | 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/1/XML-Schema_ION.xsd |


Element **tns:TX_SANF_Type** / **sperrSperrgrund**

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| 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="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/1/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/1/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 tns:INT1 tns:AuftragsTyp_CODE | | | | |
| 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="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/1/XML-Schema_ION.xsd | | | | |

Element **tns:NmApplikationInstanz_ID_Type** / **NmAppInstanznummer**

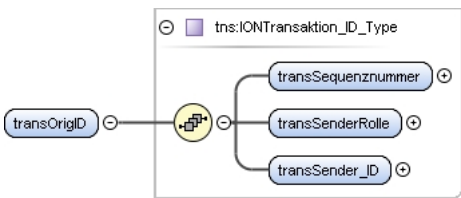
| | |
|-----------|---|
| Namespace | No namespace |
| Diagram |  |

| | |
|-----------------|---|
| 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/1/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 | 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/1/XML-Schema_ION.xsd |

Element tns:TX_RET_Type / transOrigID

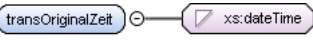
| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre> <transOrigID>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

Element tns:TX_RET_Type / transOrigSignatur

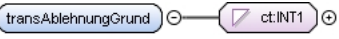
| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

| | | | | | | | |
|-----------------|---|----------|--------|------------|---|------------|---|
| 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="transOrigSignatur" 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/1/XML-Schema_ION.xsd | | | | | | |

Element tns:TX_RET_Type / transOriginalZeit

| | | | |
|-----------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | xs:dateTime | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Source | <code><xs:element name="transOriginalZeit" type="xs:dateTime"/></code> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/1/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 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.</p> | | | | |
| Diagram |  | | | | |
| Type | tns:INT1 | | | | |
| 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 | <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> | | | | |

| | |
|-----------------|---|
| | <pre></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/1/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 <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> 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 Empfaenger. 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 | 255 | Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden. |
| Source | <pre><xs:element name="StatusCode" type="tns:StatusCode"/></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/1/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 | <pre><xs:element name="StatusText" type="tns:StatusText"/></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/1/XML-Schema_KA_Common.xsd | | |

Element **tns:Ort_ID_Type / ortTyp**

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

| | | |
|-----------------|---|--|
| Type | tns:OrtsTyp_CODE_Type | |
| Properties | content: | simple |
| Facets | enumeration | 0 Bushaltestelle |
| | enumeration | 1 U-Bahn- (Metro-)Station |
| | enumeration | 2 Bahnhof (Eisenbahn) |
| | enumeration | 3 Strassenbahn- (TRAM-) Haltestelle |
| | enumeration | 11 Verkaufsstelle |
| | enumeration | 16 Gebiet(auch fuer Zone) |
| | enumeration | 17 Korridor |
| | enumeration | 200 Haltestelle allgemein fuer Haltestellen im Fahrplansinne, unabhaengig vom Verkehrsmittel |
| | enumeration | 201 Massenpersonalisierer |
| | enumeration | 202 areaList_ID |
| | enumeration | 203 im Fahrzeug/Zug |
| | enumeration | 204 TouchPoint |
| | enumeration | 205 im Fahrzeug der Linie |
| | enumeration | 206 im Fahrzeug der Zugnummer |
| | enumeration | 207 Teilzone |
| | enumeration | 208 neutrale Zone |
| | enumeration | 209 Wabe |
| | enumeration | 210 Grosswabe |
| | enumeration | 211 Tarifpunkt |
| | enumeration | 212 Backoffice |
| | enumeration | 251 Ortsteil |
| | enumeration | 252 Gemeinde |
| | enumeration | 253 Kreis |
| | enumeration | 254 Land |
| | enumeration | 255 keine Angabe |
| Source | <xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/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 <ul style="list-style-type: none"> tns:INT3 <ul style="list-style-type: none"> tns:ReferenceNumberThree | |
| Properties | content: | simple |
| Facets | maxInclusive | 16777215 |
| | minInclusive | 0 |
| Source | <xs:element name="ortNummer" type="ct:ReferenceNumberThree" /> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/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 <ul style="list-style-type: none"> tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo <ul style="list-style-type: none"> 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/1/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 <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:TerminalTyp_CODE_Type |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 0 Keine Angabe |
| | enumeration 1 Erfassungsterminal fuer (CICO/BIBO) |
| | enumeration 2 Verkaufsautomat(z. B. Berechtigungen) |
| | enumeration 3 Kontrollterminal (mobil, personalbedient) |
| | enumeration 4 Kartenausgabeterminale |
| | enumeration 5 Kartenrueckgabeterminale |
| | enumeration 6 Einstiegskontrollgeraet/Entwerter |
| | enumeration 7 Multifunktionsterminal |
| | enumeration 8 Informationsterminal |
| | enumeration 9 Ladeterminale fuer OePV-Werteinheiten |
| | enumeration 13 Terminal beim Massenpersonalisierer |
| | enumeration 14 Terminal in Vertriebs- oder Servicestellestelle (personalbedient) |
| | enumeration 15 Fahrerterminal (Verkauf und Kontrolle) |
| | enumeration 16 HandyTicketserver |
| Source | <code><xs:element name="terminalTyp" type="tns:TerminalTyp_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/1/XML-Schema_ION.xsd |

Element tns:Terminal_ID_Type / terminalNummer


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

| | |
|-----------------|--|
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 <ul style="list-style-type: none"> tns:ReferenceNumberTwo |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <code><xs:element name="terminalNumber" 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/1/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 <ul style="list-style-type: none"> tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <code><xs:element name="terminalOwner_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/1/XML-Schema_ION.xsd |

Element tns:Berechtigung_ID_Type / berechtigungNumber


| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:ReferenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 <ul style="list-style-type: none"> tns:ReferenceNumberFour |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="berechtigungNumber" 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/1/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 |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID |
| Properties | content: simple |
| Facets | 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/1/XML-Schema_ION.xsd |

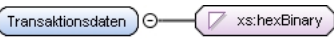
Element **tns:EFMProdukt_ID_Type** / produktNummer

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:ReferenceNumberTwo |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | 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/1/XML-Schema_ION.xsd |

Element **tns:EFMProdukt_ID_Type** / organisationID

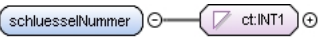
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <code><xs:element name="organisationID" 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/1/XML-Schema_ION.xsd |

Element **tns:Transaktionsdatensatz_Type** / Transaktionsdaten

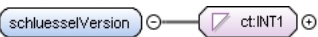
| | |
|-----------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | xs:hexBinary |

| | |
|-----------------|---|
| Properties | 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/1/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/1/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/1/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 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="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/1/XML-Schema_ION.xsd | | | | |

Element `tns:ASymSchluessel_ID_Type` / `signaturSchluessel`


| | |
|-----------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:OctetString12 |

| | |
|-----------------|---|
| Properties | content: simple |
| Facets | length 12 |
| Source | <code><xs:element name="signaturSchluessel" type="ct:OctetString12"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd |

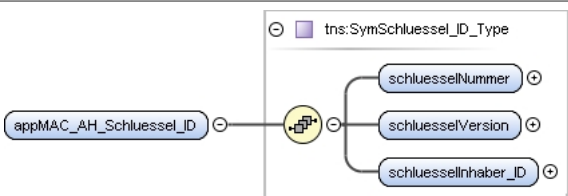
Element `tns:appNmTransaktionMAC_Type` / `appMAC_AH`

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:OctetString8</code> |
| Properties | content: simple |
| Facets | length 8 |
| Source | <code><xs:element name="appMAC_AH" 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/1/XML-Schema_ION.xsd |

Element `tns:appNmTransaktionMAC_Type` / `appMAC_KVP`

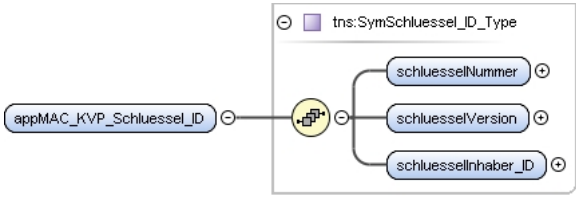
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:OctetString8</code> |
| Properties | content: simple |
| Facets | length 8 |
| Source | <code><xs:element name="appMAC_KVP" type="ct:OctetString8"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd |

Element `tns:appNmTransaktionMAC_Type` / `appMAC_AH_Schluessel_ID`


| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>tns:SymSchluessel_ID_Type</code> |
| Properties | content: complex |
| Model | <code>schluesselNummer</code> , <code>schluesselVersion</code> , <code>schluesselInhaber_ID</code> |
| Children | <code>schluesselInhaber_ID</code> , <code>schluesselNummer</code> , <code>schluesselVersion</code> |
| 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/1/XML-Schema_ION.xsd |

Element `tns:appNmTransaktionMAC_Type` / `appMAC_KVP_Schluessel_ID`


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

| | |
|-----------------|---|
| Diagram |  The diagram shows a complex type 'tns:SymSchluessel_ID_Type' containing three child elements: 'schluesselNummer', 'schluesselVersion', and 'schluesselInhaber_ID'. An external element 'appMAC_KVP_Schluessel_ID' is connected to the complex type via a reference. |
| 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/1/XML-Schema_ION.xsd |

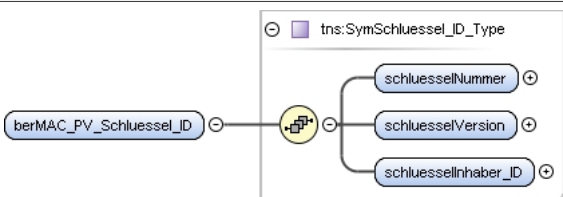
Element tns:berNmTransaktionMAC_Type / berMAC_PV

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  The diagram shows a simple type 'berMAC_PV' derived from 'ct:OctetString8'. |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | 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/1/XML-Schema_ION.xsd |

Element tns:berNmTransaktionMAC_Type / berMAC_KVP

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  The diagram shows a simple type 'berMAC_KVP' derived from 'ct:OctetString8'. |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | 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/1/XML-Schema_ION.xsd |

Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  The diagram shows a complex type 'berMAC_PV_Schluessel_ID' derived from 'tns:SymSchluessel_ID_Type'. It contains three child elements: 'schluesselNummer', 'schluesselVersion', and 'schluesselInhaber_ID'. |
| 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/1/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/1/XML-Schema_ION.xsd |

Element **tns:TX_BER_Type** / **berGueltigkeitsbeginn**

| | | | | | |
|-----------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | No namespace | | | | |
| 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="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/1/XML-Schema_ION.xsd | | | | |

Element **tns:TX_BER_Type** / **berGueltigkeitsende**

| | | | | | |
|--------------|--|--------------|---------------------|--------------|---------------------|
| Namespace | No namespace | | | | |
| 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="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/1/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/1/XML-Schema_ION.xsd | | |

Element **tns:TX_BER_Type** / **berBezahlArt**

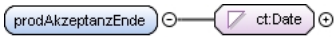
| | | | |
|-----------------|---|--------|----------------------|
| Namespace | No namespace | | |
| Diagram | | | |
| Type | tns:Bezahlart_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:Bezahlart_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Bar |
| | enumeration | 3 | Kreditkarte |
| | enumeration | 5 | POB/PEB |
| | enumeration | 6 | EC-Karte/Lastschrift |
| | enumeration | 8 | Werteinheiten |
| | enumeration | 17 | ec-Cash |
| | enumeration | 24 | Geldkarte |
| | enumeration | 25 | Mastercard |
| | enumeration | 26 | Visacard |
| Source | <xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/1/XML-Schema_ION.xsd | | |

Element **tns:TX_BER_Type** / **berBezahlMittel**

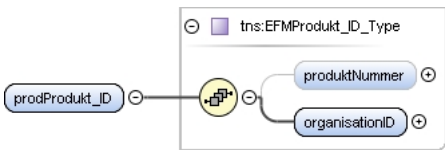
| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

| | |
|-----------------|---|
| 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/1/XML-Schema_ION.xsd |

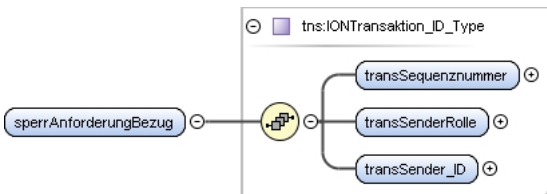
Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde

| | |
|-----------------|---|
| 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/1/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/1/XML-Schema_ION.xsd |

Element tns:TX_SMIT_Type / sperrAnforderungBezug

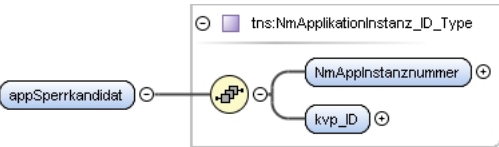
| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre><sperrAnforderungBezug> <transSequenznummer>{1,1}</transSequenznummer></pre> |

| | |
|-----------------|---|
| | <pre> <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/1/XML-Schema_ION.xsd |

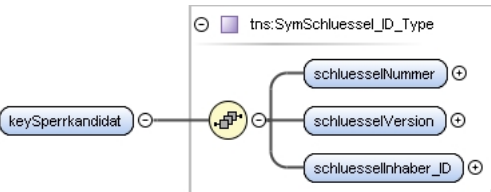
Element **tns:TX_SMIT_Type** / **sperrEntscheidung**

| | | | | | | | | | |
|-----------------|---|-------------|---|-------------|---|-------------|---|-------------|---|
| Namespace | No namespace | | | | | | | | |
| Diagram |  | | | | | | | | |
| Type | tns:Mitteilung_CODE_Type | | | | | | | | |
| Properties | content: simple | | | | | | | | |
| Facets | <table border="1"> <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 | | | | | | | | |
| 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/1/XML-Schema_ION.xsd | | | | | | | | |

Element **tns:TXSFREIMITA_Type** / **appSperrkandidat**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre> <appSperrkandidat> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </appSperrkandidat> </pre> |
| Source | <code><xs:element name="appSperrkandidat" type="tns: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/ion/1/XML-Schema_ION.xsd |

Element **tns:TXSANFSYMK_Type** / **keySperrkandidat**

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

| | |
|-----------------|--|
| Instance | <pre><keySperrkandidat> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidat></pre> |
| Source | <code><xs:element name="keySperrkandidat" 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/1/XML-Schema_ION.xsd |

Element **tns:TXSANFASYMK_Type** / **keySperrkandidataSym**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | <p>The diagram shows the element keySperrkandidataSym containing a complex content element (yellow circle with a plus sign) which is the type tns:ASymSchluessel_ID_Type. This type contains the element signaturSchluessel.</p> |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidataSym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidataSym></pre> |
| Source | <code><xs:element name="keySperrkandidataSym" 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/1/XML-Schema_ION.xsd |

Element **tns:TXSFREIMITSYMK_Type** / **keySperrkandidatsym**

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | <p>The diagram shows the element keySperrkandidatsym containing a complex content element (yellow circle with a plus sign) which is the type tns:SymSchluessel_ID_Type. This type contains three elements: schluesselNummer, schluesselVersion, and schluesselInhaber_ID.</p> |
| 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/1/XML-Schema_ION.xsd |

Element **tns:TXSFREIMITASYMK_Type** / **keySperrkandidatasym**

| | |
|------------|---|
| Namespace | No namespace |
| Diagram | <p>The diagram shows the element keySperrkandidatasym containing a complex content element (yellow circle with a plus sign) which is the type tns:ASymSchluessel_ID_Type. This type contains the element signaturSchluessel.</p> |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |

| | |
|-----------------|---|
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatasy> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasy></pre> |
| Source | <code><xs:element name="keySperrkandidatasy" 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/1/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/1/XML-Schema_ION.xsd |

Element **tns:TXSMITASYMK_Type** / **keySperrkandidatasy**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatasy> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasy></pre> |
| Source | <code><xs:element name="keySperrkandidatasy" 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/1/XML-Schema_ION.xsd |

Element **tns:NmTransaktion_ID_Type** / **samSequenznummer**

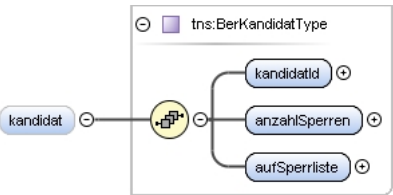
| | |
|----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SequenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:INT4 • tns:SequenceNumberFour |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="samSequenznummer" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element tns:NmTransaktion_ID_Type / samNummer


| | |
|-----------------|---|
| 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 | maxInclusive 16777215 |
| | minInclusive 0 |
| Source | <code><xs:element name="samNummer" 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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element tns:BerKandidatListeType / kandidat

| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:BerKandidatType |
| Properties | content: complex |
| | minOccurs: 0 |
| | maxOccurs: unbounded |
| Model | kandidatId , anzahlSperren , aufSperrliste |
| Children | anzahlSperren, aufSperrliste, kandidatId |
| Instance | <pre><kandidat> <kandidatId>{1,1}</kandidatId> <anzahlSperren>{1,1}</anzahlSperren> <aufSperrliste>{1,1}</aufSperrliste> </kandidat></pre> |
| Source | <code><xs:element type="tns:BerKandidatType" name="kandidat" maxOccurs="unbounded" minOccurs="0" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element tns:BerKandidatType / kandidatId


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

| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| 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 <ul style="list-style-type: none"> 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 | <pre><xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | |

Element tns:BerKandidatType / anzahlSperren

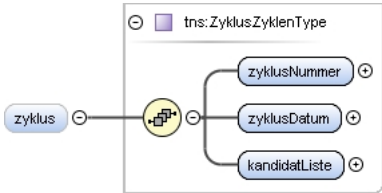
| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT4 | | | | |
| Properties | 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="anzahlSperren"> <xs:simpleType> <xs:restriction base="ct:INT4"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | |

Element tns:BerKandidatType / aufSperrliste

| | | | | | |
|----------------|--|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Annotations | Durchschnittliche Dauer des Verbleibs auf Sperrliste in Tagen | | | | |
| Diagram |  | | | | |
| Type | tns:INT2 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> 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 | <pre><xs:element name="aufSperrliste"> <xs:annotation> <xs:documentation>Durchschnittliche Dauer des Verbleibs auf Sperrliste in Tagen</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="ct:INT2"/> </xs:simpleType></pre> | | | | |

| | |
|-----------------|---|
| | <code></xs:element></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |


Element `tns:ZyklusListeZyklenType` / `zyklus`

| | | | | | | | |
|-----------------|--|----------|---------|------------|---|------------|-----------|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | <code>tns:ZyklusZyklenType</code> | | | | | | |
| Properties | <table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> </table> | content: | complex | minOccurs: | 0 | maxOccurs: | unbounded |
| content: | complex | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | unbounded | | | | | | |
| Model | <code>zyklusNummer</code> , <code>zyklusDatum</code> , <code>kandidatListe</code> | | | | | | |
| Children | <code>kandidatListe</code> , <code>zyklusDatum</code> , <code>zyklusNummer</code> | | | | | | |
| Instance | <pre><zyklus> <zyklusNummer>{1,1}</zyklusNummer> <zyklusDatum>{1,1}</zyklusDatum> <kandidatListe>{1,1}</kandidatListe> </zyklus></pre> | | | | | | |
| Source | <code><xs:element type="tns:ZyklusZyklenType" name="zyklus" maxOccurs="unbounded" minOccurs="0"/></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | | | |

Element `tns:ZyklusZyklenType` / `zyklusNummer`

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | <code>tns:SperrlistenZyklusNummer_Type</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:SperrlistenZyklusNummer_Type</code> | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple | | |
| 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="zyklusNummer"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusNummer_Type"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | |

Element `tns:ZyklusZyklenType` / `zyklusDatum`

| | | | |
|------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | <code>tns:DateTime</code> | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |
| Source | <code><xs:element name="zyklusDatum" type="ct:DateTime"/></code> | | |

| | |
|-----------------|---|
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |
|-----------------|---|

Element `tns:ZyklusZyklenType` / `kandidatListe`

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | <code>tns:KandidatListeZyklusType</code> |
| Properties | content: complex |
| Model | <code>kandidat*</code> |
| Children | <code>kandidat</code> |
| Instance | <pre><kandidatListe> <kandidat>{0,unbounded}</kandidat> </kandidatListe></pre> |
| Source | <code><xs:element type="tns:KandidatListeZyklusType" name="kandidatListe"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element `tns:KandidatListeZyklusType` / `kandidat`


| | |
|-----------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | <code>tns:KandidatZyklusType</code> |
| Properties | content: complex minOccurs: 0 maxOccurs: unbounded |
| Model | <code>kandidatId , kandidatRolle , fehlendeListen{0,1}</code> |
| Children | <code>fehlendeListen, kandidatId, kandidatRolle</code> |
| Instance | <pre><kandidat> <kandidatId>{1,1}</kandidatId> <kandidatRolle>{1,1}</kandidatRolle> <fehlendeListen>{0,1}</fehlendeListen> </kandidat></pre> |
| Source | <code><xs:element type="tns:KandidatZyklusType" name="kandidat" maxOccurs="unbounded" minOccurs="0"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element `tns:KandidatZyklusType` / `kandidatId`

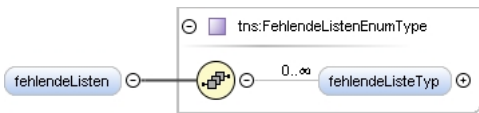
| | |
|----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | <code>tns:Organisation_ID</code> |
| Type hierarchy | <ul style="list-style-type: none"> <code>xs:unsignedInt</code> <ul style="list-style-type: none"> <code>tns:INT2</code> <ul style="list-style-type: none"> <code>tns:ReferenceNumberTwo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

| | |
|-----------------|--|
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <pre><xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |


Element **tns:KandidatZyklenType** / **kandidatRolle**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:KommunikationsParterRolle |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt 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="kandidatRolle"> <xs:simpleType> <xs:restriction base="ka:KommunikationsParterRolle"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

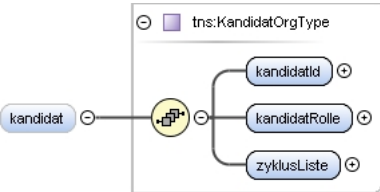
Element **tns:KandidatZyklenType** / **fehlendeListen**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:FehlendeListenEnumType |
| Properties | content: complex |
| | minOccurs: 0 |
| Model | fehlendeListeTyp* |
| Children | fehlendeListeTyp |
| Instance | <pre><fehlendeListen> <fehlendeListeTyp>{0,unbounded}</fehlendeListeTyp> </fehlendeListen></pre> |
| Source | <pre><xs:element type="tns:FehlendeListenEnumType" name="fehlendeListen" minOccurs="0"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |


Element **tns:FehlendeListenEnumType** / **fehlendeListeTyp**

| | | | |
|-----------------|---|-----------|------------------------------------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:ListenGrundTypEnumType | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:string tns:ListenGrundTypEnumType | | |
| Properties | content: | simple | |
| | minOccurs: | 0 | |
| | maxOccurs: | unbounded | |
| Facets | enumeration | NM | Sperrliste Nutzermedien |
| | enumeration | SAM | Sperrliste SAMs |
| | enumeration | ORG | Sperrliste Organisationen |
| | enumeration | SYMKEY | Sperrliste symmetrische Schluesel |
| | enumeration | ASYMKEY | Sperrliste asymmetrische Schluesel |
| | enumeration | SNW | Sperrnachweisliste |
| Source | <pre><xs:element name="fehlendeListeTyp" maxOccurs="unbounded" minOccurs="0"> <xs:simpleType> <xs:restriction base="tns:ListenGrundTypEnumType" /> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | | |

Element **tns:KandidatListeOrgType** / **kandidat**


| | | | |
|-----------------|--|-----------|--|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | tns:KandidatOrgType | | |
| Properties | content: | complex | |
| | minOccurs: | 0 | |
| | maxOccurs: | unbounded | |
| Model | kandidatId , kandidatRolle , zyklusListe | | |
| Children | kandidatId, kandidatRolle, zyklusListe | | |
| Instance | <pre><kandidat> <kandidatId>{1,1}</kandidatId> <kandidatRolle>{1,1}</kandidatRolle> <zyklusListe>{1,1}</zyklusListe> </kandidat></pre> | | |
| Source | <pre><xs:element type="tns:KandidatOrgType" name="kandidat" maxOccurs="unbounded" minOccurs="0"/></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd | | |

Element **tns:KandidatOrgType** / **kandidatId**

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

| | |
|-----------------|--|
| | <ul style="list-style-type: none"> • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <pre><xs:element name="kandidatId"> <xs:simpleType> <xs:restriction base="ka:Organisation_ID"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element tns:KandidatOrgType / kandidatRolle

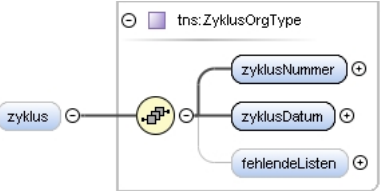
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:KommunikationsParterRolle |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:KommunikationsParterRolle |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 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="kandidatRolle"> <xs:simpleType> <xs:restriction base="ka:KommunikationsParterRolle"/> </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/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element tns:KandidatOrgType / zyklusListe


| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:ZyklusListeOrgType |
| Properties | content: complex |
| Model | zyklus* |
| Children | zyklus |
| Instance | <pre><zyklusListe> <zyklus>{ 0,unbounded}</zyklus></pre> |

| | |
|-----------------|---|
| | <code></zyklusListe></code> |
| Source | <code><xs:element type="tns:ZyklusListeOrgType" name="zyklusListe" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |


Element `tns:ZyklusListeOrgType` / `zyklus`

| | | | | | | | |
|-----------------|--|----------|---------|------------|---|------------|-----------|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | <code>tns:ZyklusOrgType</code> | | | | | | |
| Properties | <table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table> | content: | complex | minOccurs: | 0 | maxOccurs: | unbounded |
| content: | complex | | | | | | |
| minOccurs: | 0 | | | | | | |
| maxOccurs: | unbounded | | | | | | |
| Model | <code>zyklusNummer</code> , <code>zyklusDatum</code> , <code>fehlendeListen</code> {0,1} | | | | | | |
| Children | <code>fehlendeListen</code> , <code>zyklusDatum</code> , <code>zyklusNummer</code> | | | | | | |
| Instance | <pre> <zyklus> <zyklusNummer>{1,1}</zyklusNummer> <zyklusDatum>{1,1}</zyklusDatum> <fehlendeListen>{0,1}</fehlendeListen> </zyklus> </pre> | | | | | | |
| Source | <code><xs:element type="tns:ZyklusOrgType" name="zyklus" maxOccurs="unbounded" minOccurs="0" /></code> | | | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | | | |

Element `tns:ZyklusOrgType` / `zyklusNummer`

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | <code>tns:SperrlistenZyklusNummer_Type</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:SperrlistenZyklusNummer_Type</code> | | | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple | | |
| 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="zyklusNummer"> <xs:simpleType> <xs:restriction base="tns:SperrlistenZyklusNummer_Type" /> </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/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | |

Element `tns:ZyklusOrgType` / `zyklusDatum`

| | | | |
|------------|---|----------|--------|
| Namespace | No namespace | | |
| Diagram |  | | |
| Type | <code>tns:DateTime</code> | | |
| Properties | <table> <tr> <td>content:</td><td>simple</td></tr> </table> | content: | simple |
| content: | simple | | |

| | |
|-----------------|---|
| Source | <code><xs:element name="zyklusDatum" type="ct:DateTime"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/kose/types/1/XML-Schema_KOSE_Types.xsd |

Element **tns:ZyklusOrgType / fehlendeListen**

| | | | | | | | |
|-----------------|---|----------|---------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:FehlendeListenEnumType | | | | | | |
| 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 | fehlendeListeTyp* | | | | | | |
| Children | fehlendeListeTyp | | | | | | |
| Instance | <pre><fehlendeListen> <fehlendeListeTyp>{0,unbounded}</fehlendeListeTyp> </fehlendeListen></pre> | | | | | | |
| Source | <code><xs:element type="tns:FehlendeListenEnumType" name="fehlendeListen" 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/kose/types/1/XML-Schema_KOSE_Types.xsd | | | | | | |