

Schema documentation for XML- Schema_ZVM_Common.xsd

2 oktober 2018

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

Schemas

Main schema XML-Schema_ZVM_Common.xsd

| | |
|------------|-------------------------------------|
| Namespace | http://vdv/ka/zvm/common/1 |
| Properties | attribute form default: unqualified |
| | element form default: unqualified |
| | version: 1.7.0 |

Elements

Element `tns:diensteAnmeldenReq`

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Element: Dienstanfrage: "Dienst in der ZVM anmelden." |
| Diagram | |
| Type | tns:diensteAnmelden_Req_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:diensteAnmelden_Req_Type |
| Properties | content: complex |
| Model | txbase |
| Children | txbase |
| Instance | <pre><tns:diensteAnmeldenReq> <txbase>{1,1}</txbase> </tns:diensteAnmeldenReq></pre> |
| Source | <pre><xs:element name="diensteAnmeldenReq" type="tns:diensteAnmelden_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage: "Dienst in der ZVM anmelden."</xs:documentation> </xs:annotation> </xs:element></pre> |

Element `tns:diensteAnmeldenResp`

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Element: Dienstanantwort: "Dienst in der ZVM anmelden." |
| Diagram | |
| Type | tns:diensteAnmelden_Resp_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:diensteAnmelden_Resp_Type |
| Properties | content: complex |
| Model | txbase , ergebnis |
| Children | ergebnis, txbase |
| Instance | <pre><tns:diensteAnmeldenResp> <txbase>{1,1}</txbase> <ergebnis> </ergebnis> </tns:diensteAnmeldenResp></pre> |
| Source | <pre><xs:element name="diensteAnmeldenResp" type="tns:diensteAnmelden_Resp_Type"> <xs:annotation> <xs:documentation>Element: Dienstanantwort: "Dienst in der ZVM anmelden."</xs:documentation> </xs:annotation> </xs:element></pre> |

Element tns:diensteAbmeldenReq

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Element: Dienstanfrage: "Dienst in der ZVM abmelden." |
| Diagram | |
| Type | tns:diensteAbmelden_Req_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:diensteAbmelden_Req_Type |
| Properties | content: complex |
| Model | txbase |
| Children | txbase |
| Instance | <pre><tns:diensteAbmeldenReq> <txbase>{1,1}</txbase> </tns:diensteAbmeldenReq></pre> |
| Source | <pre><xs:element name="diensteAbmeldenReq" type="tns:diensteAbmelden_Req_Type"> <xs:annotation> <xs:documentation>Element: Dienstanfrage: "Dienst in der ZVM abmelden."</xs:documentation> </xs:annotation> </xs:element></pre> |

Element tns:diensteAbmeldenResp

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Element: Dienstantwort: "Dienst in der ZVM abmelden." |
| Diagram | |
| Type | tns:diensteAbmelden_Resp_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:diensteAbmelden_Resp_Type |
| Properties | content: complex |
| Model | txbase , ergebnis |
| Children | ergebnis, txbase |
| Instance | <pre><tns:diensteAbmeldenResp> <txbase>{1,1}</txbase> <ergebnis> </tns:diensteAbmeldenResp></pre> |
| Source | <pre><xs:element name="diensteAbmeldenResp" type="tns:diensteAbmelden_Resp_Type"> <xs:annotation> <xs:documentation>Element: Dienstantwort: "Dienst in der ZVM abmelden."</xs:documentation> </xs:annotation> </xs:element></pre> |

Complex Types

Complex Type `tns:diensteAnmelden_Req_Type`

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Typ: Dienstanfrage: "Dienst in der ZVM anmelden." |
| Diagram | |
| Type | extension of <code>tns:TX_BASE_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> • <code>tns:diensteAnmelden_Req_Type</code> |
| Used by | Element <code>tns:diensteAnmeldenReq</code> |
| Model | txbase |
| Children | txbase |
| Source | <pre><xs:complexType name="diensteAnmelden_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage: "Dienst in der ZVM anmelden."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

Complex Type `tns:diensteAnmelden_Resp_Type`

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Typ: Dienstantwort: "Dienst in der ZVM anmelden." |
| Diagram | |
| Type | extension of <code>tns:TX_BASE_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> • <code>tns:diensteAnmelden_Resp_Type</code> |
| Used by | Element <code>tns:diensteAnmeldenResp</code> |
| Model | txbase , ergebnis |
| Children | ergebnis, txbase |
| Source | <pre><xs:complexType name="diensteAnmelden_Resp_Type"> <xs:annotation> <xs:documentation>Typ: Dienstantwort: "Dienst in der ZVM anmelden."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ergebnis" type="tns:DiensteAnmeldenResponseResult" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

Complex Type `tns:diensteAbmelden_Req_Type`

| | |
|-------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Typ: Dienstanfrage: "Dienst in der ZVM abmelden." |

| | |
|----------------|---|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:diensteAbmelden_Req_Type |
| Used by | Element tns:diensteAbmeldenReq |
| Model | txbase |
| Children | txbase |
| Source | <pre><xs:complexType name="diensteAbmelden_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage: "Dienst in der ZVM abmelden."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

Complex Type tns:diensteAbmelden_Resp_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Typ: Dienstantwort: "Dienst in der ZVM abmelden." |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:diensteAbmelden_Resp_Type |
| Used by | Element tns:diensteAbmeldenResp |
| Model | txbase , ergebnis |
| Children | ergebnis, txbase |
| Source | <pre><xs:complexType name="diensteAbmelden_Resp_Type"> <xs:annotation> <xs:documentation>Typ: Dienstantwort: "Dienst in der ZVM abmelden."</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="ergebnis" type="tns:DiensteAbmeldenResponseResult" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

Simple Types

Simple Type tns:DiensteAnmeldenResponseResult

| | |
|----------------|--|
| Namespace | http://vdv/ka/zvm/common/1 |
| Annotations | Ergebnis der Dienstanfrage diensteAnmelden |
| Diagram | |
| Type | restriction of tns:INT1 |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 |

| | | | | | | | | | | | | | | | | | | | | | | |
|--------------|--|---|-----|--|--------------|---|--|-------------|---|-------------|-------------|---|---|-------------|----|-----------------------------------|-------------|-----|--------------------|-------------|----|------------------------------------|
| | <ul style="list-style-type: none"> • tns:DiensteAnmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Erfolgreich</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Der Dienstanbieter ist unbekannt.</td> </tr> <tr> <td>enumeration</td> <td>255</td> <td>Technischer Fehler</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Der Dienst ist bereits angemeldet.</td> </tr> </table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Erfolgreich | enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | enumeration | 10 | Der Dienstanbieter ist unbekannt. | enumeration | 255 | Technischer Fehler | enumeration | 11 | Der Dienst ist bereits angemeldet. |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Erfolgreich | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Der Dienstanbieter ist unbekannt. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 255 | Technischer Fehler | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Der Dienst ist bereits angemeldet. | | | | | | | | | | | | | | | | | | | | |
| Used by | Element tns:diensteAnmelden_Resp_Type/ergebnis | | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:simpleType name="DiensteAnmeldenResponseResult"> <xs:annotation> <xs:documentation>Ergebnis der Dienstanfrage diensteAnmelden</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Erfolgreich</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Der Dienstanbieter ist unbekannt.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="255"> <xs:annotation> <xs:documentation>Technischer Fehler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Der Dienst ist bereits angemeldet.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | | | | | | | | | | | | | | | | | | | | |

Simple Type tns:DiensteAbmeldenResponseResult

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|-----|--|--------------|---|--|-------------|---|-------------|-------------|---|---|-------------|----|-----------------------------------|-------------|-----|--------------------|-------------|----|--------------------------------------|
| Namespace | http://vdv/ka/zvm/common/1 | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Ergebnis der Dienstanfrage diensteAbmelden | | | | | | | | | | | | | | | | | | | | | |
| 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:DiensteAbmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Erfolgreich</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Der Dienstanbieter ist unbekannt.</td> </tr> <tr> <td>enumeration</td> <td>255</td> <td>Technischer Fehler</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Die Dienste sind bereits abgemeldet.</td> </tr> </table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Erfolgreich | enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | enumeration | 10 | Der Dienstanbieter ist unbekannt. | enumeration | 255 | Technischer Fehler | enumeration | 11 | Die Dienste sind bereits abgemeldet. |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Erfolgreich | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Der Dienstanbieter ist unbekannt. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 255 | Technischer Fehler | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Die Dienste sind bereits abgemeldet. | | | | | | | | | | | | | | | | | | | | |

| | |
|---------|--|
| Used by | Element <code>tns:diensteAbmelden_Resp_Type/ergebnis</code> |
| Source | <pre> <xs:simpleType name="DiensteAbmeldenResponseResult"> <xs:annotation> <xs:documentation>Ergebnis der Dienstanfrage diensteAbmelden</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Erfolgreich</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="10"> <xs:annotation> <xs:documentation>Der Dienstanbieter ist unbekannt.</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="255"> <xs:annotation> <xs:documentation>Technischer Fehler</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>Die Dienste sind bereits abgemeldet.</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |

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

Schemas

Imported schema XML-`Schema_Common_Types.xsd`

| | |
|------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Properties | attribute form default: unqualified element form default: unqualified |

Simple Types

Simple Type `tns:ReferenceNumberTwo`

| | | | | | |
|----------------|--|--------------|---------------------|--------------|---|
| Namespace | http://vdv/ka/common/types/1 | | | | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | | | | |
| Diagram | <pre> classDiagram class ReferenceNumberTwo class tns_INT2["tns:INT2"] ReferenceNumberTwo -- > tns_INT2 </pre> | | | | |
| Type | tns:INT2 | | | | |
| 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 | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>65535</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table border="1"> <tr> <td>Simple Type</td> <td>tns:Organisation_ID</td> </tr> <tr> <td>Elements</td> <td>tns:EFMProdukt_ID_Type/produktNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:Terminal_ID_Type/terminalNummer</td> </tr> </table> | Simple Type | tns:Organisation_ID | Elements | tns:EFMProdukt_ID_Type/produktNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:Terminal_ID_Type/terminalNummer |
| Simple Type | tns:Organisation_ID | | | | |
| Elements | tns:EFMProdukt_ID_Type/produktNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:Terminal_ID_Type/terminalNummer | | | | |
| Source | <pre> <xs:simpleType name="ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</ xs:documentation> </xs:annotation> </pre> | | | | |

```
<xs:restriction base="tns:INT2"/>
</xs:simpleType>
```

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 | <table border="1"> <tr> <td>maxInclusive</td> <td>65535</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | Simple Types tns:ReferenceNumberTwo, tns:SequenceNumberTwo | | | | |
| 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> | | | | |

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 | <table border="1"> <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 | <p>Simple Types tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:DiensteAbmeldenResponseResult, tns:DiensteAnmeldenResponseResult, tns:KommunikationsPartnerRolle, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:StatusCode, tns:TerminalTyp_CODE_Type</p> <p>Elements 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:SymSchlüssel_ID_Type/schlüsselNummer, tns:SymSchlüssel_ID_Type/schlüsselVersion, tns:TXA_Type/transAblehnungGrund, tns:TX_SANF_Type/sperrSperrgrund</p> | | | | |
| 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> | | | | |

Simple Type tns:SequenceNumberFour

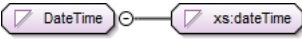
| | |
|----------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer. |
| Diagram | |
| Type | tns:INT4 |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt <ul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

| | |
|---------|--|
| | <ul style="list-style-type: none"> • tns:SequenceNumberFour |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Used by | Element tns:IONTransaktion_ID_Type/transSequenznummer |
| 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> |

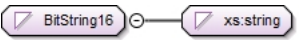
Simple Type tns:INT4

| | |
|-------------|---|
| 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 |
| Source | <pre><xs:simpleType name="INT4"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</ </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="4294967295"/> </xs:restriction> </xs:simpleType></pre> |

Simple Type tns:DateTime

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Datum mit Uhrzeit (nutzt den Standard) |
| Diagram |  |
| Type | xs:dateTime |
| Used by | Element tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt |
| 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> |

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> <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> |
|--------|---|

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 border="1"> <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> | | | | |

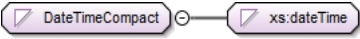
Simple Type tns:BitString8

| | | | | | |
|-------------|---|--------|---|---------|--|
| 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 border="1"> <tr> <td>length</td> <td>8</td> </tr> <tr> <td>pattern</td> <td>[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]</td> </tr> </table> | length | 8 | pattern | [0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1] |
| length | 8 | | | | |
| pattern | [0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1] | | | | |
| Source | <pre><xs:simpleType name="BitString8"> <xs:annotation> <xs:documentation>String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-1][0-1][0-1][0-1][0-1][0-1][0-1][0-1]" /> </xs:restriction> </xs:simpleType></pre> | | | | |

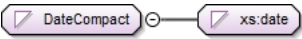
Simple Type tns:Date

| | |
|-------------|---|
| 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> |

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 eingeschränkt, 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 ungueltige Werte bei Abschneiden einer Zeitzoneninformation zu vermeiden! | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:dateTime | | | | |
| Facets | <table border="1"> <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 <code>tns:TX_BER_Type/berGueltigkeitsbeginn</code> , <code>tns:TX_BER_Type/berGueltigkeitsende</code> | | | | |
| Source | <pre><xs:simpleType name="DateTimeCompact"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich eingeschränkt, so dass ueber eine binaere Darstellung im Nutzermedium 4 Byte ausreichend sind. 1990-01-01T: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 ungueltige 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> | | | | |

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 border="1"> <tr> <td>maxInclusive</td> <td>2117-12-31</td> </tr> <tr> <td>minInclusive</td> <td>1990-01-01</td> </tr> </table> | maxInclusive | 2117-12-31 | minInclusive | 1990-01-01 |
| maxInclusive | 2117-12-31 | | | | |
| minInclusive | 1990-01-01 | | | | |
| Source | <pre><xs:simpleType name="DateCompact"> <xs:annotation> <xs:documentation>Datum ohne Uhrzeit, nutzt den ISO Standard in XML, jedoch wird der Wertebereich 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> | | | | |

Simple Type `tns:Datef`


| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | BCD codierte Darstellung eines Datums als "Hexstring" in der Form <code>yyyymmdd</code> . "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 border="1"> <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 yyyyymmdd. "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> | | | | |

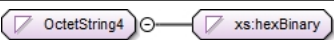
Simple Type tns:INT3

| | | | | | |
|--------------|--|--------------|----------|--------------|---|
| 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 border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| 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> | | | | |

Simple Type tns:OctetString1

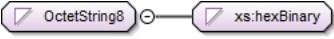
| | | | |
|-------------|--|--------|---|
| Namespace | http://vdv/ka/common/types/1 | | |
| Annotations | Hexstring mit einer maximalen Laenge von 1 Zeichen | | |
| Diagram |  | | |
| Type | restriction of xs:hexBinary | | |
| Facets | <table border="1"> <tr> <td>length</td> <td>1</td> </tr> </table> | length | 1 |
| 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> | | |

Simple Type tns:OctetString4

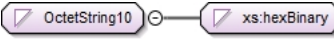
| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Hexstring mit einer maximalen Laenge von 4 Zeichen |
| Diagram |  |
| Type | restriction of xs:hexBinary |

| | |
|--------|--|
| 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> |

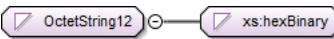
Simple Type tns:OctetString8

| | |
|-------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Hexstring mit einer maximalen Laenge von 8 Zeichen |
| Diagram |  |
| 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> |

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> |

Simple Type tns:OctetString12

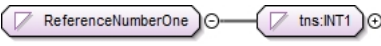
| | |
|-------------|--|
| Namespace | http://vdv/ka/common/types/1 |
| Annotations | Hexstring mit einer maximalen Laenge von 12 Zeichen |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 12 |
| Used by | Element tns:ASymSchluessel_ID_Type/signaturSchluessel |
| Source | <pre>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

```

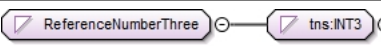
</xs:annotation>
<xs:restriction base="xs:hexBinary">
  <xs:length value="12" fixed="true"/>
</xs:restriction>
</xs:simpleType>

```

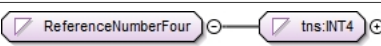
Simple Type `tns:ReferenceNumberOne`

| | | | | | |
|----------------|--|--------------|-----|--------------|---|
| 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 <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:ReferenceNumberOne | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre> <xs:simpleType name="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> | | | | |

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 <ul style="list-style-type: none"> tns:INT3 <ul style="list-style-type: none"> tns:ReferenceNumberThree | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Used by | <table border="1"> <tr> <td>Element</td> <td>tns:Ort_ID_Type/ortNummer</td> </tr> <tr> <td>Simple Type</td> <td>tns:SAM_ID_Type</td> </tr> </table> | Element | tns:Ort_ID_Type/ortNummer | Simple Type | tns:SAM_ID_Type |
| 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> | | | | |

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 <ul style="list-style-type: none"> tns:INT4 <ul style="list-style-type: none"> tns:ReferenceNumberFour |

| | | |
|---------|---|--|
| Facets | maxInclusive | 4294967295 |
| | minInclusive | 0 |
| Used by | Elements | tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAppInstanznummer |
| 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> | |

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 | <pre>graph LR S1[SequenceNumberOne] --- R1[tns: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:SequenceNumberOne | |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Source | <pre><xs:simpleType name="SequenceNumberOne"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT1"/> </xs:simpleType></pre> | |

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 | <pre>graph LR S2[SequenceNumberTwo] --- R2[tns:INT2]</pre> | |
| Type | tns:INT2 | |
| 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: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> | |

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 | <pre>graph LR S3[SequenceNumberThree] --- R3[tns:INT3]</pre> | |

| | | | | | |
|----------------|--|--------------|----------|--------------|---|
| Type | tns:INT3 | | | | |
| 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:SequenceNumberThree | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <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> | | | | |

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

Schemas

Imported schema XML-Schema_KA_Common.xsd

| | | | | | |
|-------------------------|---|-------------------------|-------------|-----------------------|-------------|
| Namespace | http://vdv/ka/common/1 | | | | |
| Properties | <table border="1"> <tr> <td>attribute form default:</td> <td>unqualified</td> </tr> <tr> <td>element form default:</td> <td>unqualified</td> </tr> </table> | attribute form default: | unqualified | element form default: | unqualified |
| attribute form default: | unqualified | | | | |
| element form default: | unqualified | | | | |

Elements


Element tns:VX

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/1 |
| Annotations | <p>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 Dateneubermittlung mitgeteilt.</p> |
| Diagram | |
| Type | tns:VX_Message_Type |
| Properties | content: complex |
| Model | StatusCode , StatusText |
| Children | StatusCode, StatusText |
| Instance | <pre><tns:VX> <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 Dateneubermittlung mitgeteilt.</xs:documentation> </xs:annotation> </xs:element></pre> |


Simple Types

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 | <table border="1"> <tr> <td>maxInclusive</td> <td>65535</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 65535 | minInclusive | 0 |
| maxInclusive | 65535 | | | | |
| minInclusive | 0 | | | | |
| Used by | Elements 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: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> | | | | |

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

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="3">
  <xs:annotation>
    <xs:documentation>PV</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="4">
  <xs:annotation>
    <xs:documentation>AH</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="5">
  <xs:annotation>
    <xs:documentation>KOSES</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="254">
  <xs:annotation>
    <xs:documentation>ZVM</xs:documentation>
  </xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>

```

Simple Type `tns:StatusCode`

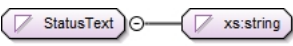
| | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|-----|--------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|---|-------------|-----|---|
| Namespace | http://vdv/ka/common/1 | | | | | | | | | | | | | | | | | | | |
| Annotations | Status Codes einer KA VX Nachricht (Bestaetigung der ZVM fuer asynchrone Nachrichten) | | | | | | | | | | | | | | | | | | | |
| Diagram | <pre> graph LR StatusCode[StatusCode] --- restriction ct:INT1[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:StatusCode</code> | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> <tr> <td>enumeration</td> <td>0</td> </tr> <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> <tr> <td>enumeration</td> <td>5</td> </tr> <tr> <td>enumeration</td> <td>255</td> </tr> </table> | maxInclusive | 255 | minInclusive | 0 | enumeration | 0 | enumeration | 1 | enumeration | 2 | enumeration | 3 | enumeration | 4 | enumeration | 5 | enumeration | 255 | <p>Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.</p> <p>Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.</p> <p>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.</p> <p>Unbekannter Empfaenger. Zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.</p> <p>Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.</p> <p>Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.</p> <p>Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.</p> |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | | | | | | | | | | | | | | | | | | | |
| enumeration | 255 | | | | | | | | | | | | | | | | | | | |
| Used by | Element | <code>tns:VX_Message_Type/StatusCode</code> | | | | | | | | | | | | | | | | | | |
| 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:restriction> </xs:simpleType> </pre> | | | | | | | | | | | | | | | | | | | |

```

</xs:annotation>
</xs:enumeration>
<xs:enumeration value="1">
  <xs:annotation>
    <xs:documentation>Ungueltige Nachricht. Die Sender ID oder die Routing Information
    kann nicht aus dem SOAP Header extrahiert werden.</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="2">
  <xs:annotation>
    <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>

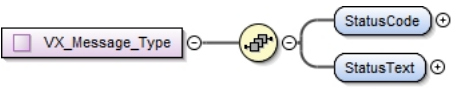
```

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> |

Complex Types

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> |

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

Schemas

Imported schema XML-Schema_ION.xsd

| | |
|------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Properties | attribute form default: unqualified element form default: unqualified |

Elements

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 <ul style="list-style-type: none"> 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> <txbase>{1,1}</txbase> </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> |

Element tns:TXA

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Element: Ablehnung einer ION-Transaktion |

| | |
|----------------|--|
| Diagram | <p>The diagram shows the structure of the <code>tns:TXA_Type</code>. It is a complex type that extends <code>tns:TX_BASE_Type</code> (extension base). <code>tns:TX_BASE_Type</code> extends <code>tns:TX_RET_Type</code> (extension base). <code>tns:TX_RET_Type</code> contains a <code>txbase</code> element. <code>tns:TXA_Type</code> contains the <code>txbase</code> element and three other elements: <code>transOrigID</code>, <code>transOrigSignatur</code>, and <code>transOriginalZeit</code>. Additionally, <code>tns:TXA_Type</code> contains a <code>transAblehnungGrund</code> element.</p> |
| Type | <code>tns:TXA_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> • <code>tns:TX_RET_Type</code> <ul style="list-style-type: none"> • <code>tns:TXA_Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>transOrigID</code> , <code>transOrigSignatur{0,1}</code> , <code>transOriginalZeit</code> , <code>transAblehnungGrund</code> |
| Children | <code>transAblehnungGrund</code> , <code>transOrigID</code> , <code>transOrigSignatur</code> , <code>transOriginalZeit</code> , <code>txbase</code> |
| Instance | <pre><tns:TXA> <txbase>{1,1}</txbase> </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> |

Element `tns:TXBRequest`

| | |
|----------------|---|
| Namespace | <code>http://vdv/ka/ion/1</code> |
| Annotations | Element: Mitteilung eines Verarbeitungsstatus (OK) |
| Diagram | <p>The diagram shows the structure of the <code>tns:TXBRequest</code>. It is a complex type that extends <code>tns:TX_BASE_Type</code> (extension base). <code>tns:TX_BASE_Type</code> extends <code>tns:TX_RET_Type</code> (extension base). <code>tns:TX_RET_Type</code> contains a <code>txbase</code> element. <code>tns:TXBRequest</code> contains the <code>txbase</code> element and three other elements: <code>transOrigID</code>, <code>transOrigSignatur</code>, and <code>transOriginalZeit</code>.</p> |
| Type | <code>tns:TXB_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> <ul style="list-style-type: none"> • <code>tns:TX_RET_Type</code> <ul style="list-style-type: none"> • <code>tns:TXB_Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>transOrigID</code> , <code>transOrigSignatur{0,1}</code> , <code>transOriginalZeit</code> |
| Children | <code>transOrigID</code> , <code>transOrigSignatur</code> , <code>transOriginalZeit</code> , <code>txbase</code> |
| Instance | <pre><tns:TXBRequest> <txbase>{1,1}</txbase> </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> |
|--------|---|

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 <ul style="list-style-type: none"> tns:TX_RET_Type <ul style="list-style-type: none"> tns:TXA_Type |
| Properties | content: complex |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit , transAblehnungGrund |
| Children | transAblehnungGrund, transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Instance | <pre><tns:TXARequest> <txbase>{1,1}</txbase> </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> |

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 <ul style="list-style-type: none"> tns:TXDEABER_Req_Type |

| | |
|------------|---|
| Properties | content: complex |
| Model | txbase , prodAkzeptanzEnde , prodProdukt_ID |
| Children | prodAkzeptanzEnde, prodProdukt_ID, txbase |
| Instance | <pre><tns:TXDEABER> <txbase>{1,1}</txbase> </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> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> tns:TXSFREIMITA_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , appSperrkandidat |
| Children | appSperrkandidat, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITA> <txbase>{1,1}</txbase> </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> |

Element tns:TXSANFSYMK

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

| | |
|----------------|--|
| Diagram | |
| Type | 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 |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidat |
| Children | keySperrkandidat, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSANFSYMK> <txbase>{1,1}</txbase> </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> |

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 <ul style="list-style-type: none"> tns:TX_SANF_Type <ul style="list-style-type: none"> tns:TXSANFASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrSperrgrund , keySperrkandidataSym |
| Children | keySperrkandidataSym, sperrSperrgrund, txbase |
| Instance | <pre><tns:TXSANFASYMK> <txbase>{1,1}</txbase> </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> |

```
</xs:annotation>
</xs:element>
```

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:TXSAANFSYMK> <txbase>{1,1}</txbase> </tns:TXSAANFSYMK></pre> |
| Source | <pre><xs:element name="TXSAANFSYMK" type="tns:TXSAANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |

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 |

| | |
|------------|---|
| | <ul style="list-style-type: none"> • 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> <txbase>{1,1}</txbase> </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> |

Element tns:TXSFREIMITSYMK

| | |
|----------------|---|
| 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> <txbase>{1,1}</txbase> </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> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> tns:TXSFREIMITASYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasyM |
| Children | keySperrkandidatasyM, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSFREIMITASYMK> <txbase>{1,1}</txbase> </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> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> tns:TXSMITSYMK_Type |
| Properties | content: complex |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatasyM |
| Children | keySperrkandidatasyM, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Instance | <pre><tns:TXSMITSYMK> <txbase>{1,1}</txbase> </tns:TXSMITSYMK></pre> |

| | |
|--------|--|
| Source | <pre><xs:element name="TXSMITASYMK" type="tns:TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung symmetrischer Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
|--------|--|

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> <txbase>{1,1}</txbase> </tns:TXSMITASYMK></pre> |
| Source | <pre><xs:element name="TXSMITASYMK" type="tns:TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperrmitteilung asymmetrischer Schluessel</ </xs:annotation> </xs:element></pre> |

Complex Types

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:TX_RET_Type, tns:TX_SANF_Type, tns:TX_SMIT_Type, tns:diensteAbmelden_Req_Type, tns:diensteAbmelden_Resp_Type, tns:diensteAnmelden_Req_Type, tns:diensteAnmelden_Resp_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> |

```

</xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>

```

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"> <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 gemass den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</ xs:documentation> </xs:annotation> </xs:element> <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"> </pre> |

```

        <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>

```

Complex Type tns:IONTransaktion_ID_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | <p>Typ: ID fuer Transaktionen, die ueber das ION (Interparables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.</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 (Interparables Netzwerk) durchgefuehrt werden. Aufgabe dieses Elements ist es, eine Korrelation zwischen der Dienstantwort und der ursprunglichen Dienstanfrage herzustellen. transSequenznummer wird initial vom Dienstafrufer vergeben und wird unveraendert fuer die Dauer der Kommunikation genutzt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="transSequenznummer" type="ct:SequenceNumberFour" /> <xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle" /> <xs:element name="transSender_ID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType> </pre> |

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> |

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> |

Complex Type tns:NmApplikationInstanz_ID_Type


| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: ID einer Applikationsinstanz auf dem Nutzermedium |
| Diagram | |
| Used by | Element 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> <xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/> <xs:element name="kvp_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType></pre> |

Complex Type tns:Berechtigung_ID_Type

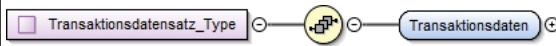
| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: ID einer Berechtigung |
| Diagram | |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Source | <pre><xs:complexType name="Berechtigung_ID_Type"> <xs:annotation> <xs:documentation>Typ: 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> |

Complex Type tns:EFMProdukt_ID_Type

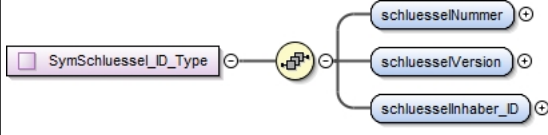
| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Datenstruktur EFMProdukt_ID, bestehend aus Produktverantwortlichen und Produktnummer (zusammen eindeutig) |

| | |
|----------|---|
| 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> |

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> |

Complex Type tns:SymSchluessel_ID_Type

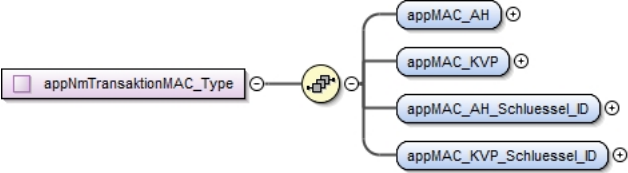
| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Schluessel ID |
| Diagram |  |
| Used by | Elements tns:TXSANFSYMK_Type/keySperrkandidat, tns:TXSFREIMITSYMK_Type/keySperrkandidatsym, tns:TXSMITSYMK_Type/keySperrkandidatsym, tns:appNmTransaktionMAC_Type/appMAC_AH_Schluessel_ID, tns:appNmTransaktionMAC_Type/appMAC_KVP_Schluessel_ID, tns:berNmTransaktionMAC_Type/berMAC_KVP_Schluessel_ID, tns:berNmTransaktionMAC_Type/berMAC_PV_Schluessel_ID |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Source | <pre><xs:complexType name="SymSchluessel_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> |

Complex Type tns:ASymSchluessel_ID_Type

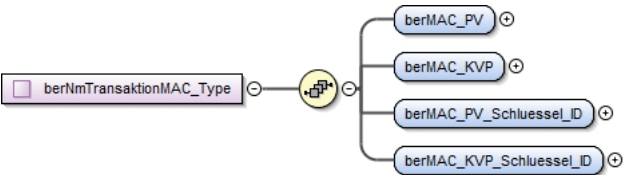
| | |
|-----------|---------------------|
| Namespace | http://vdv/ka/ion/1 |
|-----------|---------------------|

| | |
|-------------|---|
| 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 | signaturSchluessel |
| Children | signaturSchluessel |
| Source | <pre><xs:complexType name="ASymSchluessel_ID_Type"> <xs:annotation> <xs:documentation>Type: Identifizierungsmerkmal, das den Schlüssel eindeutig bestimmt.</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="signaturSchluessel" type="ct:OctetString12"/> </xs:sequence> </xs:complexType></pre> |

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_Schluessel_ID , appMAC_KVP_Schluessel_ID |
| Children | appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_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_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> <xs:element name="appMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:complexType></pre> |

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_Schluessel_ID , berMAC_KVP_Schluessel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluessel_ID, berMAC_PV, berMAC_PV_Schluessel_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_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> <xs:element name="berMAC_KVP_Schluessel_ID" type="tns:SymSchluessel_ID_Type"/> </xs:sequence> </xs:complexType></pre> |

</xs:complexType>

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> |

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 |
| 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> |

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 <ul style="list-style-type: none"> tns:TX_RET_Type <ul style="list-style-type: none"> tns:TXB_Type |
| Used by | Elements tns:TXB, tns:TXBRequest |
| Model | txbase , transOrigID , transOrigSignatur{0,1} , transOriginalZeit |
| Children | transOrigID, transOrigSignatur, transOriginalZeit, txbase |
| Source | <pre> <xs:complexType name="TXB_Type"> <xs:annotation> <xs:documentation>Typ: Bestaetigung einer ION-Transaktion</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_RET_Type"/> </xs:complexContent> </xs:complexType> </pre> |

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 |
| 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> |

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> |

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:EFMPProdukt_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

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> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> 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> |

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 <ul style="list-style-type: none"> tns:TX_SANF_Type |
| Used by | Complex Types tns:TXSANFASYMK_Type, tns:TXSANFSYMK_Type |
| Model | txbase , sperrSperrgrund |
| Children | sperrSperrgrund, txbase |
| Source | <pre><xs:complexType name="TX_SANF_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperranforderungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <!-- Wilk Hoffmann: muss spaeter aus Aufzaehlung kommen --> <xs:element name="sperrSperrgrund" type="ct:INT1"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |


```

</xs:sequence>
</xs:extension>
</xs:complexContent>
</xs:complexType>

```

Complex Type `tns:TXSANFSYMK_Type`

| | | | | | |
|----------------|---|--------------|-----------------------------------|---------|-----------------------------|
| Namespace | http://vdv/ka/ion/1 | | | | |
| Annotations | Typ: Sperranforderung fuer einen symmetrischen Schluessel | | | | |
| Diagram | <p>The diagram illustrates the structure of the complex type <code>tns:TXSANFSYMK_Type</code>. It is an extension of the base type <code>tns:TX_SANF_Type</code>. The base type <code>tns:TX_SANF_Type</code> is further extended by <code>tns:TX_BASE_Type</code>. The <code>tns:TX_SANF_Type</code> base type contains three elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidat</code>. The <code>tns:TXSANFSYMK_Type</code> type inherits all these elements from the base type.</p> | | | | |
| Type | extension of <code>tns:TX_SANF_Type</code> | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> • <code>tns:TX_SANF_Type</code> • <code>tns:TXSANFSYMK_Type</code> | | | | |
| Used by | <table border="0"> <tr> <td>Complex Type</td> <td><code>tns:TXSAANFSYMK_Type</code></td> </tr> <tr> <td>Element</td> <td><code>tns:TXSANFSYMK</code></td> </tr> </table> | Complex Type | <code>tns:TXSAANFSYMK_Type</code> | Element | <code>tns:TXSANFSYMK</code> |
| Complex Type | <code>tns:TXSAANFSYMK_Type</code> | | | | |
| Element | <code>tns:TXSANFSYMK</code> | | | | |
| Model | <code>txbase</code> , <code>sperrSperrgrund</code> , <code>keySperrkandidat</code> | | | | |
| Children | <code>keySperrkandidat</code> , <code>sperrSperrgrund</code> , <code>txbase</code> | | | | |
| 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> | | | | |

Complex Type `tns:TXSANFASYMK_Type`

| | |
|----------------|---|
| Namespace | http://vdv/ka/ion/1 |
| Annotations | Typ: Sperranforderung fuer einen asymmetrischen Schluessel |
| Diagram | <p>The diagram illustrates the structure of the complex type <code>tns:TXSANFASYMK_Type</code>. It is an extension of the base type <code>tns:TX_SANF_Type</code>. The base type <code>tns:TX_SANF_Type</code> is further extended by <code>tns:TX_BASE_Type</code>. The <code>tns:TX_SANF_Type</code> base type contains three elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidat</code>. The <code>tns:TXSANFASYMK_Type</code> type inherits all these elements from the base type and adds a new element <code>keySperrkandidataSym</code>.</p> |
| Type | extension of <code>tns:TX_SANF_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> • <code>tns:TX_SANF_Type</code> • <code>tns:TXSANFASYMK_Type</code> |

| | | |
|----------|--|-----------------------|
| Used by | Complex Type | tns:TXSAANFASYMK_Type |
| | Element | tns:TXSANFASYMK |
| Model | txbase , sperrSperrgrund , keySperrkandidataSym | |
| Children | keySperrkandidataSym, sperrSperrgrund, txbase | |
| Source | <pre><xs:complexType name="TXSANFASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperranforderung fuer einen asymmetrischen Schluessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SANF_Type"> <xs:sequence> <xs:element name="keySperrkandidataSym" type="tns:ASymSchluessel_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> | |

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:TXSAANFSYMK_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> | |

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"> <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> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> 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></pre> |

```

<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>

```

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> tns:TXSFREIMITASYMK_Type |
| Used by | Element tns:TXSFREIMITASYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, 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="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

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 <ul style="list-style-type: none"> tns:TX_SMIT_Type <ul style="list-style-type: none"> tns:TXSMITSYMK_Type |

| | |
|----------|---|
| | <ul style="list-style-type: none"> • tns:TXSMITSYMK_Type |
| Used by | Element tns:TXSMITSYMK |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung , keySperrkandidatsym |
| Children | keySperrkandidatsym, 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="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

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 , keySperrkandidatsym |
| Children | keySperrkandidatsym, sperrAnforderungBezug, sperrEntscheidung, txbase |
| Source | <pre><xs:complexType name="TXSMITASYMK_Type"> <xs:annotation> <xs:documentation>Typ: Sperrmitteilung asymmetrischer Schuessel</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_SMIT_Type"> <xs:sequence> <xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType></pre> |

Simple Types

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:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="128" fixed="true"/> </xs:restriction> </xs:simpleType></pre> |

Simple Type tns:PrintableString

| | |
|-----------|--|
| Namespace | http://vdv/ka/ion/1 |
| Diagram | |
| Type | restriction of xs:string |
| Facets | pattern [-p]* |
| Used by | Element tns:TXAS_Type/transSendeAuftrag |
| Source | <pre><xs:simpleType name="PrintableString"> <xs:restriction base="xs:string"> <xs:pattern value="[-p]*"/> </xs:restriction> </xs:simpleType></pre> |

Simple Type tns:OrtsTyp_CODE_Type

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|--|---|----------------|-------------|---|-------------------------|-------------|---|---------------------|-------------|---|-----------------------------------|-------------|----|----------------|-------------|----|------------------------|-------------|----|----------|-------------|-----|--|-------------|-----|-----------------------|-------------|-----|-------------|-------------|-----|-----------------|-------------|-----|------------|-------------|-----|-----------------------|-------------|-----|---------------------------|-------------|-----|----------|-------------|-----|---------------|-------------|-----|------|-------------|-----|-----------|-------------|-----|------------|-------------|-----|------------|-------------|-----|----------|-------------|-----|----------|-------------|-----|-------|
| Namespace | http://vdv/ka/ion/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Typ: Ortstypen BOM 6_44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | restriction of xs:unsignedInt | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <tr><td>enumeration</td><td>0</td><td>Bushaltestelle</td></tr> <tr><td>enumeration</td><td>1</td><td>U-Bahn- (Metro-)Station</td></tr> <tr><td>enumeration</td><td>2</td><td>Bahnhof (Eisenbahn)</td></tr> <tr><td>enumeration</td><td>3</td><td>Strassenbahn- (TRAM-) Haltestelle</td></tr> <tr><td>enumeration</td><td>11</td><td>Verkaufsstelle</td></tr> <tr><td>enumeration</td><td>16</td><td>Gebiet(auch fuer Zone)</td></tr> <tr><td>enumeration</td><td>17</td><td>Korridor</td></tr> <tr><td>enumeration</td><td>200</td><td>Haltestelle allgemein fuer Haltestellen im Fahrplansinne, unabhaengig vom Verkehrsmittel</td></tr> <tr><td>enumeration</td><td>201</td><td>Massenpersonalisierer</td></tr> <tr><td>enumeration</td><td>202</td><td>areaList_ID</td></tr> <tr><td>enumeration</td><td>203</td><td>im Fahrzeug/Zug</td></tr> <tr><td>enumeration</td><td>204</td><td>TouchPoint</td></tr> <tr><td>enumeration</td><td>205</td><td>im Fahrzeug der Linie</td></tr> <tr><td>enumeration</td><td>206</td><td>im Fahrzeug der Zugnummer</td></tr> <tr><td>enumeration</td><td>207</td><td>Teilzone</td></tr> <tr><td>enumeration</td><td>208</td><td>neutrale Zone</td></tr> <tr><td>enumeration</td><td>209</td><td>Wabe</td></tr> <tr><td>enumeration</td><td>210</td><td>Grosswabe</td></tr> <tr><td>enumeration</td><td>211</td><td>Tarifpunkt</td></tr> <tr><td>enumeration</td><td>212</td><td>Backoffice</td></tr> <tr><td>enumeration</td><td>251</td><td>Ortsteil</td></tr> <tr><td>enumeration</td><td>252</td><td>Gemeinde</td></tr> <tr><td>enumeration</td><td>253</td><td>Kreis</td></tr> </table> | 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 | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

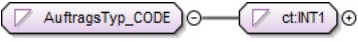
| | | | |
|---------|--|------------------------|--------------|
| | enumeration | 254 | Land |
| | enumeration | 255 | keine Angabe |
| Used by | Element | tns:Ort_ID_Type/ortTyp | |
| Source | <pre> <xs:simpleType name="OrtsTyp_CODE_Type"> <xs:annotation> <xs:documentation>Typ: Ortstypen BOM 6_44</xs:documentation> </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: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"> </pre> | | |

```

<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>
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    <xs:documentation>Tarifpunkt</xs:documentation>
  </xs:annotation>
</xs:enumeration>
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  <xs:annotation>
    <xs:documentation>Backoffice</xs:documentation>
  </xs:annotation>
</xs:enumeration>
<xs:enumeration value="251">
  <xs:annotation>
    <xs:documentation>Ortsteil</xs:documentation>
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</xs:enumeration>
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  <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>
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  <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>

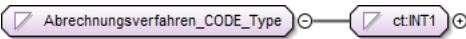
```

Simple Type tns:AuftragsTyp_CODE


| | | | | | |
|----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/ion/1 | | | | |
| Annotations | Der Code des Auftrages als Aufzaehlung. | | | | |
| Diagram |  | | | | |
| 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 | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element tns:TXAS_Type/transSendeAuftragstyp | | | | |
| Source | <pre> <xs:simpleType name="AuftragsTyp_CODE"> <xs:annotation> <xs:documentation>Der Code des Auftrages als Aufzaehlung.</xs:documentation> </xs:annotation> </pre> | | | | |


```
<!-- TODO: bitte als Aufzaehlung!!! -->
<xs:restriction base="ct:INT1"/>
</xs:simpleType>
```

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 border="1"> <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> | | | | | | | | | | | | | | | | | | |

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 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:Bezahlart_CODE_Type | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> </table> | maxInclusive | 255 |
| maxInclusive | 255 | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---|----------------------|---|--|-------------|---|--------------|-------------|---|-----|-------------|---|-------------|-------------|---|---------|-------------|---|----------------------|-------------|---|---------------|-------------|----|---------|-------------|----|-----------|-------------|----|------------|-------------|----|----------|
| | <table border="1"> <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>Bar</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Kreditkarte</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>POB/PEB</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>EC-Karte/Lastschrift</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Werteinheiten</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>ec-Cash</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>Geldkarte</td> </tr> <tr> <td>enumeration</td> <td>25</td> <td>Mastercard</td> </tr> <tr> <td>enumeration</td> <td>26</td> <td>Visacard</td> </tr> </table> | 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 |
| 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 <code>tns:TX_BER_Type/berBezahlArt</code> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Simple Type `tns:TerminalTyp_CODE_Type`


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|-----|--|--------------|---|--|-------------|---|--------------|-------------|---|-------------------------------------|-------------|---|---------------------------------------|-------------|---|--|-------------|---|-----------------------|-------------|---|-------------------------|-------------|---|-----------------------------------|-------------|---|------------------------|-------------|---|----------------------|-------------|---|--------------------------------------|-------------|----|-------------------------------------|-------------|----|---|-------------|----|--|-------------|----|-------------------|
| Namespace | http://vdv/ka/ion/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Der TerminalTyp_CODE klassifiziert Terminals. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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:TerminalTyp_CODE_Type</code> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Erfassungsterminal fuer (CICO/BIBO)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Verkaufsautomat(z. B. Berechtigungen)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Kontrollterminal (mobil,personalbedient)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Kartenausgabeterminal</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Kartenrueckgabeterminal</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Einstiegskontrollgeraet/Entwerter</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Multifunktionsterminal</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Informationsterminal</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Ladeterminal fuer OePV-Werteinheiten</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Terminal beim Massenpersonalisierer</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Terminal in Vertriebs- oder Servicestelle (personalbedient)</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>Fahrerterminal (Verkauf und Kontrolle)</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>HandyTicketserver</td> </tr> </table> | 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 |
| 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 <code>tns:Terminal_ID_Type/terminalTyp</code> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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:restriction> </xs:simpleType> </pre> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

```


<xs:enumeration value="6">
  <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>

```

Simple Type tns:SAM_ID_Type


| | | | | | |
|----------------|--|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/ion/1 | | | | |
| Annotations | Type: Eindeutiger Identifizierer eines Secure Application Module (SAM) | | | | |
| 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 <ul style="list-style-type: none"> • tns:SAM_ID_Type | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <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> | | | | |

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 | enumeration 1 |
| | enumeration 2 |
| | enumeration 3 |
| | enumeration 4 |
| Used by | Element tns:TX_SMIT_Type/sperrEntscheidung |
| Source | <pre><xs:simpleType name="Mitteilung_CODE_Type"> <xs:annotation> <xs:documentation>Typ: Mitteilung Codes BOM 6_40</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType></pre> |

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="ct:INT1"> <!-- <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Erfolgreich</xs:documentation> </xs:annotation> --> <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 KOSES unbekannt</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"></pre> | |

```

<xs:annotation>
  <xs:documentation>Die Organisation wurde durch den AH gesperrt</xs:documentation>
</xs:annotation>
</xs:enumeration>
</xs:restriction>
</xs:simpleType>

```

Namespace: ""

Elements

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:documentation> </xs:annotation> </xs:element> </pre> |

Element `tns:ION_TX_HEADER_Type / transAuftrag`

| | | | | | | | |
|------------|--|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | xs:string | | | | | | |
| Properties | <table border="1"> <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 | <code><xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/></code> | | | | | | |

Element `tns:ION_TX_HEADER_Type / transEmpfaenger_ID`


| | | | | | |
|----------------|---|--------------|--------|--------------|---|
| Namespace | No namespace | | | | |
| Annotations | Eindeutige OrganisationsId des Nachrichtempfaengers | | | | |
| 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 border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table> | content: | simple | | |
| content: | simple | | | | |
| Facets | <table border="1"> <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 Nachrichtempfaengers</ xs:documentation> </xs:annotation> </xs:element></pre> | | | | |

Element `tns:ION_TX_HEADER_Type / transEmpfaengerRolle`

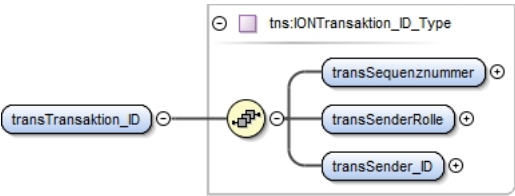
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|--------------|--------|--------------|---|-------------|---|-----------|-------------|---|-----|-------------|---|----|-------------|---|----|-------------|---|----|-------------|---|-------|-------------|-----|-----|
| Namespace | No namespace | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annotations | Rolle des Nachrichtempfaengers | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table> | content: | simple | | | | | | | | | | | | | | | | | | | | | | | |
| content: | simple | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>Unbekannt</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>KVP</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>DL</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>PV</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>AH</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>KOSES</td> </tr> <tr> <td>enumeration</td> <td>254</td> <td>ZVM</td> </tr> </table> | maxInclusive | 255 | minInclusive | 0 | enumeration | 0 | Unbekannt | enumeration | 1 | KVP | enumeration | 2 | DL | enumeration | 3 | PV | enumeration | 4 | AH | enumeration | 5 | KOSES | enumeration | 254 | ZVM |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Unbekannt | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | KVP | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | DL | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | PV | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | AH | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | KOSES | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 254 | ZVM | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <code><xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"></code> | | | | | | | | | | | | | | | | | | | | | | | | | |

```
<xs:annotation>
  <xs:documentation>Rolle des Nachrichtempfaengers</xs:documentation>
</xs:annotation>
</xs:element>
```


Element tns:ION_TX_HEADER_Type / transStatus

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:INT1 |
| Properties | content: simple |
| | minOccurs: 0 |
| | maxOccurs: 1 |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| Source | <code><xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1" /></code> |


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 | <code><xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type" /></code> |

Element tns:IONTransaktion_ID_Type / transSequenznummer

| | |
|----------------|--|
| 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 <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> |

Element tns:IONTransaktion_ID_Type / transSenderRolle

| | |
|-----------|---|
| Namespace | No namespace |
| 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 | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> <td></td> </tr> <tr> <td>minInclusive</td> <td>0</td> <td></td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>Unbekannt</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>KVP</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>DL</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>PV</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>AH</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>KOSES</td> </tr> <tr> <td>enumeration</td> <td>254</td> <td>ZVM</td> </tr> </table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Unbekannt | enumeration | 1 | KVP | enumeration | 2 | DL | enumeration | 3 | PV | enumeration | 4 | AH | enumeration | 5 | KOSES | enumeration | 254 | ZVM |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Unbekannt | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 1 | KVP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | DL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 3 | PV | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 4 | AH | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 5 | KOSES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 254 | ZVM | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <code><xs:element name="transSenderRolle" type="ka:KommunikationsParterRolle"/></code> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 <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 border="1"> <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="transSender_ID" type="ka:Organisation_ID"/></code> | | | | |

Element tns:ION_TX_HEADER_Type / transTransaktionsTyp

| | | | | | | | |
|--------------|--|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:INT1 | | | | | | |
| Properties | <table border="1"> <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 border="1"> <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> | | | | | | |

Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt

| | |
|-------------|---|
| Namespace | No namespace |
| Annotations | Zeitpunkt der Dienstanfrage gemäss den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering. |

| | |
|------------|---|
| Diagram | |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <pre><xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> <xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufrufers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</ </xs:documentation> </xs:annotation> </xs:element></pre> |

Element tns:ION_TX_HEADER_Type / transVersion

| | | | | | | | |
|------------|--|----------|--------|------------|--|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:BitString16 | | | | | | |
| Properties | <table border="1"> <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 border="1"> <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 | <pre><xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/></pre> | | | | | | |

Element tns:ION_TX_HEADER_Type / transWiederholungsZaehler


| | | | | | | | |
|--------------|--|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:INT1 | | | | | | |
| Properties | <table border="1"> <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 border="1"> <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="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/></pre> | | | | | | |

Element tns:ION_TX_HEADER_Type / transSignaturTyp


| | | | | | | | |
|--------------|--|--------------|--------|--------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:INT1 | | | | | | |
| Properties | <table border="1"> <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 border="1"> <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="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/></pre> | | | | | | |

Element tns:ION_TX_HEADER_Type / transSignaturZertifikat

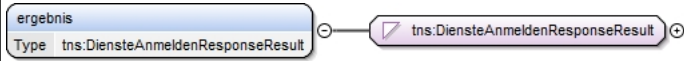
| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

| | | | | | | | |
|------------|--|----------|--------|------------|---|------------|---|
| Diagram |  | | | | | | |
| Type | restriction of xs:hexBinary | | | | | | |
| Properties | <table border="1"> <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 border="1"> <tr> <td>length</td> <td>378</td> </tr> </table> | length | 378 | | | | |
| length | 378 | | | | | | |
| Source | <pre><xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="378" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element></pre> | | | | | | |

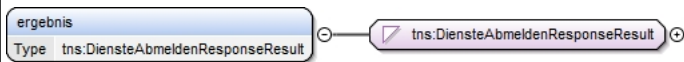
Element tns:ION_TX_HEADER_Type / transSignatur

| | | | | | | | |
|------------|--|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram |  | | | | | | |
| Type | tns:TransSignatur_Type | | | | | | |
| Properties | <table border="1"> <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 border="1"> <tr> <td>length</td> <td>128</td> </tr> </table> | length | 128 | | | | |
| length | 128 | | | | | | |
| Source | <pre><xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/></pre> | | | | | | |

Element tns:diensteAnmelden_Resp_Type / ergebnis

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|--------|--|--------------|---|--|-------------|---|-------------|-------------|---|---|-------------|----|-----------------------------------|-------------|-----|--------------------|-------------|----|------------------------------------|
| Namespace | No namespace | | | | | | | | | | | | | | | | | | | | | |
| Diagram |  | | | | | | | | | | | | | | | | | | | | | |
| Type | tns:DiensteAnmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| 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:DiensteAnmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| Properties | <table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> </table> | content: | simple | | | | | | | | | | | | | | | | | | | |
| content: | simple | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Erfolgreich</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Der Dienstanbieter ist unbekannt.</td> </tr> <tr> <td>enumeration</td> <td>255</td> <td>Technischer Fehler</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Der Dienst ist bereits angemeldet.</td> </tr> </table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Erfolgreich | enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | enumeration | 10 | Der Dienstanbieter ist unbekannt. | enumeration | 255 | Technischer Fehler | enumeration | 11 | Der Dienst ist bereits angemeldet. |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Erfolgreich | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Der Dienstanbieter ist unbekannt. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 255 | Technischer Fehler | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Der Dienst ist bereits angemeldet. | | | | | | | | | | | | | | | | | | | | |
| Source | <pre><xs:element name="ergebnis" type="tns:DiensteAnmeldenResponseResult"/></pre> | | | | | | | | | | | | | | | | | | | | | |

Element tns:diensteAbmelden_Resp_Type / ergebnis

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

| | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|---|-----|--|--------------|---|--|-------------|---|-------------|-------------|---|---|-------------|----|-----------------------------------|-------------|-----|--------------------|-------------|----|--------------------------------------|
| Type | tns:DiensteAbmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:DiensteAbmeldenResponseResult | | | | | | | | | | | | | | | | | | | | | |
| Properties | content: simple | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Erfolgreich</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein.</td> </tr> <tr> <td>enumeration</td> <td>10</td> <td>Der Dienstanbieter ist unbekannt.</td> </tr> <tr> <td>enumeration</td> <td>255</td> <td>Technischer Fehler</td> </tr> <tr> <td>enumeration</td> <td>11</td> <td>Die Dienste sind bereits abgemeldet.</td> </tr> </table> | maxInclusive | 255 | | minInclusive | 0 | | enumeration | 0 | Erfolgreich | enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | enumeration | 10 | Der Dienstanbieter ist unbekannt. | enumeration | 255 | Technischer Fehler | enumeration | 11 | Die Dienste sind bereits abgemeldet. |
| maxInclusive | 255 | | | | | | | | | | | | | | | | | | | | | |
| minInclusive | 0 | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 0 | Erfolgreich | | | | | | | | | | | | | | | | | | | | |
| enumeration | 2 | Daten des SOAP Headers stimmen nicht mit den Transaktionsdaten der fachlichen Nachricht ueberein. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 10 | Der Dienstanbieter ist unbekannt. | | | | | | | | | | | | | | | | | | | | |
| enumeration | 255 | Technischer Fehler | | | | | | | | | | | | | | | | | | | | |
| enumeration | 11 | Die Dienste sind bereits abgemeldet. | | | | | | | | | | | | | | | | | | | | |
| Source | <code><xs:element name="ergebnis" type="tns:DiensteAbmeldenResponseResult"/></code> | | | | | | | | | | | | | | | | | | | | | |

Element tns:VX_Message_Type / StatusCode

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|-----|--|--------------|---|--|-------------|---|---|-------------|---|--|-------------|---|---|-------------|---|---|-------------|---|--|-------------|---|---|-------------|-----|--|
| Namespace | No namespace | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | tns:StatusCode | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:StatusCode | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Properties | content: simple | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen Informationen zur Weiterleitung liegen vor.</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>Ungueltige Nachricht. Die Sender ID oder die Routing Information kann nicht aus dem SOAP Header extrahiert werden.</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>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.</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Unbekannter Empfaenger. Zu den Routing Informationen ist in der VM keine technische Empfaengeradresse hinterlegt.</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum Empfaenger aufgebaut werden.</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.</td> </tr> <tr> <td>enumeration</td> <td>255</td> <td>Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht konnte nicht erfolgreich entgegengenommen werden.</td> </tr> </table> | 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. |
| 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 | <code><xs:element name="StatusCode" type="tns:StatusCode"/></code> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Element tns:VX_Message_Type / StatusText

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

| | | |
|------------|--|--------|
| Properties | content: | simple |
| Facets | maxLength | 255 |
| Source | <code><xs:element name="StatusText" type="tns:StatusText"/></code> | |

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, unabh​aengig 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 | <code><xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/></code> | | |

Element `tns:Ort_ID_Type` / `ortNumber`

| | | |
|----------------|--|----------|
| 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 | <code><xs:element name="ortNummer" type="ct:ReferenceNumberThree" /></code> |

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 | <table border="1"> <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="ortDomaene_ID" type="ka:Organisation_ID" /></code> | | | | |

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 | <table border="1"> <tr> <td>maxInclusive</td> <td>255</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> <tr> <td>enumeration</td> <td>0</td> <td>Keine Angabe</td> </tr> <tr> <td>enumeration</td> <td>1</td> <td>Erfassungsterminal fuer (CICO/BIBO)</td> </tr> <tr> <td>enumeration</td> <td>2</td> <td>Verkaufsautomat(z. B. Berechtigungen)</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Kontrollterminal (mobil, personalbedient)</td> </tr> <tr> <td>enumeration</td> <td>4</td> <td>Kartenausgabeterminal</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>Kartenrueckgabeterminal</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>Einstiegskontrollgeraet/Entwerter</td> </tr> <tr> <td>enumeration</td> <td>7</td> <td>Multifunktionsterminal</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Informationsterminal</td> </tr> <tr> <td>enumeration</td> <td>9</td> <td>Ladeterminal fuer OePV-Werteinheiten</td> </tr> <tr> <td>enumeration</td> <td>13</td> <td>Terminal beim Massenpersonalisierer</td> </tr> <tr> <td>enumeration</td> <td>14</td> <td>Terminal in Vertriebs- oder Servicestellestelle (personalbedient)</td> </tr> <tr> <td>enumeration</td> <td>15</td> <td>Fahrerterminal (Verkauf und Kontrolle)</td> </tr> <tr> <td>enumeration</td> <td>16</td> <td>HandyTicketserver</td> </tr> </table> | 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 Servicestellestelle (personalbedient) | enumeration | 15 | Fahrerterminal (Verkauf und Kontrolle) | enumeration | 16 | HandyTicketserver |
| 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 Servicestellestelle (personalbedient) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 15 | Fahrerterminal (Verkauf und Kontrolle) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| enumeration | 16 | HandyTicketserver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Source | <code><xs:element name="terminalTyp" type="tns:TerminalTyp_CODE_Type" /></code> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 • tns:ReferenceNumberTwo | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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="terminalNumber" type="ct:ReferenceNumberTwo"/></code> | | | | |


Element tns:Terminal_ID_Type / terminalOwner_ID

| | | | | | |
|----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT2 • tns:ReferenceNumberTwo • tns:Organisation_ID | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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="terminalOwner_ID" type="ka:Organisation_ID"/></code> | | | | |

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 | <table border="1"> <tr> <td>maxInclusive</td> <td>4294967295</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour"/></code> | | | | |

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> | |

Element `tns:Berechtigung_ID_Type` / `berechtigungNummer`

| | | |
|----------------|---|------------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:ReferenceNumberFour | |
| 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:ReferenceNumberFour | |
| Properties | content: | simple |
| Facets | maxInclusive | 4294967295 |
| | minInclusive | 0 |
| Source | <code><xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/></code> | |


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 <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="kvp_ID" type="ka:Organisation_ID"/></code> | |

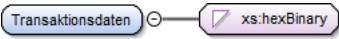
Element `tns:EFMPprodukt_ID_Type` / `produktNummer`

| | | |
|----------------|--|--------|
| Namespace | No namespace | |
| Diagram | | |
| Type | tns:ReferenceNumberTwo | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt <ul style="list-style-type: none"> • tns:INT2 <ul style="list-style-type: none"> • tns:ReferenceNumberTwo | |
| Properties | content: | simple |
| | minOccurs: | 0 |
| | maxOccurs: | 1 |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Source | <code><xs:element name="produktNummer" type="ct:ReferenceNumberTwo" minOccurs="0" maxOccurs="1"/></code> | |

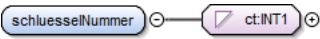
Element `tns:EFMProdukt_ID_Type` / `organisationID`

| | | | | | |
|----------------|---|--------------|-------|--------------|---|
| 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 | <table border="1"> <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="organisationID" type="ka:Organisation_ID"/></code> | | | | |

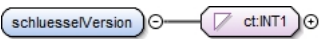
Element `tns:Transaktionsdatensatz_Type` / `Transaktionsdaten`

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | <code>xs:hexBinary</code> |
| Properties | content: simple |
| Source | <code><xs:element name="Transaktionsdaten" type="xs:hexBinary"/></code> |


Element `tns:SymSchluessel_ID_Type` / `schluesselNummer`

| | | | | | |
|--------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | <code>tns:INT1</code> | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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> | | | | |

Element `tns:SymSchluessel_ID_Type` / `schluesselVersion`

| | | | | | |
|--------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | <code>tns:INT1</code> | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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> | | | | |

Element `tns:SymSchluessel_ID_Type` / `schluesselInhaber_ID`

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

| | |
|------------|--|
| | <ul style="list-style-type: none"> • tns:INT2 • tns:ReferenceNumberTwo |
| Properties | content: simple |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Source | <code><xs:element name="schluesselInhaber_ID" type="ct:ReferenceNumberTwo"/></code> |

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> |

Element tns:appNmTransaktionMAC_Type / appMAC_AH

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | length 8 |
| Source | <code><xs:element name="appMAC_AH" type="ct:OctetString8"/></code> |

Element tns:appNmTransaktionMAC_Type / appMAC_KVP

| | |
|------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | length 8 |
| Source | <code><xs:element name="appMAC_KVP" type="ct:OctetString8"/></code> |

Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID

| | |
|------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <code><appMAC_AH_Schluessel_ID> <schluesselNummer>{1,1}</schluesselNummer></code> |

| | |
|--------|--|
| | <pre><schlüsselVersion>{1,1}</schlüsselVersion> <schlüsselInhaber_ID>{1,1}</schlüsselInhaber_ID> </appMAC_AH_Schlüssel_ID></pre> |
| Source | <pre><xs:element name="appMAC_AH_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /></pre> |

Element tns:appNmTransaktionMAC_Type / appMAC_KVP_Schlüssel_ID

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchlüssel_ID_Type |
| Properties | content: complex |
| Model | schlüsselNummer , schlüsselVersion , schlüsselInhaber_ID |
| Children | schlüsselInhaber_ID, schlüsselNummer, schlüsselVersion |
| Instance | <pre><appMAC_KVP_Schlüssel_ID> <schlüsselNummer>{1,1}</schlüsselNummer> <schlüsselVersion>{1,1}</schlüsselVersion> <schlüsselInhaber_ID>{1,1}</schlüsselInhaber_ID> </appMAC_KVP_Schlüssel_ID></pre> |
| Source | <pre><xs:element name="appMAC_KVP_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /></pre> |

Element tns:berNmTransaktionMAC_Type / berMAC_PV

| | |
|------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | length 8 |
| Source | <pre><xs:element name="berMAC_PV" type="ct:OctetString8" /></pre> |

Element tns:berNmTransaktionMAC_Type / berMAC_KVP

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:OctetString8 |
| Properties | content: simple |
| Facets | length 8 |
| Source | <pre><xs:element name="berMAC_KVP" type="ct:OctetString8" /></pre> |

Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schlüssel_ID

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

| | |
|----------|--|
| Model | schlüsselNummer , schlüsselVersion , schlüsselInhaber_ID |
| Children | schlüsselInhaber_ID, schlüsselNummer, schlüsselVersion |
| Instance | <pre><berMAC_PV_Schlüssel_ID> <schlüsselNummer>{1,1}</schlüsselNummer> <schlüsselVersion>{1,1}</schlüsselVersion> <schlüsselInhaber_ID>{1,1}</schlüsselInhaber_ID> </berMAC_PV_Schlüssel_ID></pre> |
| Source | <xs:element name="berMAC_PV_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /> |

Element tns:berNmTransaktionMAC_Type / berMAC_KVP_Schlüssel_ID

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchlüssel_ID_Type |
| Properties | content: complex |
| Model | schlüsselNummer , schlüsselVersion , schlüsselInhaber_ID |
| Children | schlüsselInhaber_ID, schlüsselNummer, schlüsselVersion |
| Instance | <pre><berMAC_KVP_Schlüssel_ID> <schlüsselNummer>{1,1}</schlüsselNummer> <schlüsselVersion>{1,1}</schlüsselVersion> <schlüsselInhaber_ID>{1,1}</schlüsselInhaber_ID> </berMAC_KVP_Schlüssel_ID></pre> |
| Source | <xs:element name="berMAC_KVP_Schlüssel_ID" type="tns:SymSchlüssel_ID_Type" /> |

Element tns:TX_RET_Type / transOrigID

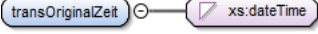
| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:IONTransaktion_ID_Type |
| Properties | content: complex |
| Model | transSequenznummer , transSenderRolle , transSender_ID |
| Children | transSenderRolle, transSender_ID, transSequenznummer |
| Instance | <pre><transOrigID>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

Element tns:TX_RET_Type / transOrigSignatur


| | | | | | | | |
|------------|--|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | tns:TransSignatur_Type | | | | | | |
| Properties | <table border="1"> <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 | length 128 |
| Source | <code><xs:element name="transOrigSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/></code> |


Element tns:TX_RET_Type / transOriginalZeit

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | xs:dateTime |
| Properties | content: simple |
| Source | <code><xs:element name="transOriginalZeit" type="xs:dateTime"/></code> |

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 | content: simple | | | | |
| Facets | <table border="1"> <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> | | | | |

Element tns:TXAS_Type / transSendeAuftrag


| | |
|----------------|---|
| Namespace | No namespace |
| 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 | | | | | | |
| Facets | <table border="1"> <tr> <td>minLength</td> <td>0</td> </tr> <tr> <td>maxLength</td> <td>10</td> </tr> <tr> <td>pattern</td> <td>[-þ]*</td> </tr> </table> | minLength | 0 | maxLength | 10 | pattern | [-þ]* |
| minLength | 0 | | | | | | |
| maxLength | 10 | | | | | | |
| pattern | [-þ]* | | | | | | |
| 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> | | | | | | |


Element tns:TXAS_Type / transSendeAuftragstyp

| | | | | | |
|----------------|--|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:AuftragsTyp_CODE | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt <ul style="list-style-type: none"> • tns:INT1 <ul style="list-style-type: none"> • tns:AuftragsTyp_CODE | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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="transSendeAuftragstyp" type="tns:AuftragsTyp_CODE"/></pre> | | | | |

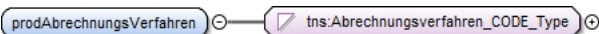
Element tns:TX_BER_Type / berGueltigkeitsbeginn

| | | | | | |
|--------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:DateTimeCompact | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>2117-12-31T23:59:58</td> </tr> <tr> <td>minInclusive</td> <td>1990-01-01T00:00:00</td> </tr> </table> | maxInclusive | 2117-12-31T23:59:58 | minInclusive | 1990-01-01T00:00:00 |
| maxInclusive | 2117-12-31T23:59:58 | | | | |
| minInclusive | 1990-01-01T00:00:00 | | | | |
| Source | <pre><xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact"/></pre> | | | | |

Element tns:TX_BER_Type / berGueltigkeitsende

| | | | | | |
|--------------|---|--------------|---------------------|--------------|---------------------|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:DateTimeCompact | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>2117-12-31T23:59:58</td> </tr> <tr> <td>minInclusive</td> <td>1990-01-01T00:00:00</td> </tr> </table> | maxInclusive | 2117-12-31T23:59:58 | minInclusive | 1990-01-01T00:00:00 |
| maxInclusive | 2117-12-31T23:59:58 | | | | |
| minInclusive | 1990-01-01T00:00:00 | | | | |
| Source | <pre><xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact"/></pre> | | | | |

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 • tns:INT1 • tns:Abrechnungsverfahren_CODE_Type | | | | | | | | | | | | | | | | | | |
| Properties | content: simple | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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 | | | | | | | | | | | | | | | | | |
| Source | <code><xs:element name="prodAbrechnungsverfahren" type="tns:Abrechnungsverfahren_CODE_Type"/></code> | | | | | | | | | | | | | | | | | | |

Element tns:TX_BER_Type / berBezahlArt

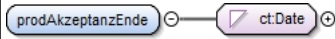
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|---|----------------------|-----|--|--------------|---|--|-------------|---|--------------|-------------|---|-----|-------------|---|-------------|-------------|---|---------|-------------|---|----------------------|-------------|---|---------------|-------------|----|---------|-------------|----|-----------|-------------|----|------------|-------------|----|----------|
| Namespace | No namespace | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type | tns:Bezahlart_CODE_Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT1 • tns:Bezahlart_CODE_Type | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Properties | content: simple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Facets | <table border="1"> <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>Bar</td> </tr> <tr> <td>enumeration</td> <td>3</td> <td>Kreditkarte</td> </tr> <tr> <td>enumeration</td> <td>5</td> <td>POB/PEB</td> </tr> <tr> <td>enumeration</td> <td>6</td> <td>EC-Karte/Lastschrift</td> </tr> <tr> <td>enumeration</td> <td>8</td> <td>Werteinheiten</td> </tr> <tr> <td>enumeration</td> <td>17</td> <td>ec-Cash</td> </tr> <tr> <td>enumeration</td> <td>24</td> <td>Geldkarte</td> </tr> <tr> <td>enumeration</td> <td>25</td> <td>Mastercard</td> </tr> <tr> <td>enumeration</td> <td>26</td> <td>Visacard</td> </tr> </table> | 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 |
| 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 | <code><xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/></code> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Element tns:TX_BER_Type / berBezahlMittel

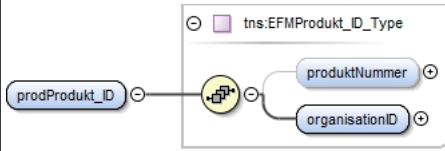
| | |
|------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:OctetString10 |
| Properties | content: simple |
| Facets | length 10 |
| Source | <code><xs:element name="berBezahlMittel" type="ct:OctetString10"/></code> |

Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde

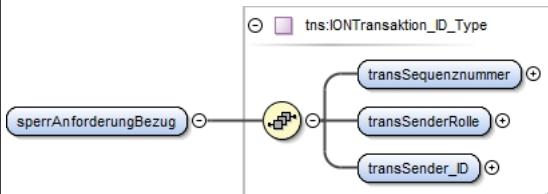
| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

| | |
|------------|---|
| Diagram |  |
| Type | tns:Date |
| Properties | content: simple |
| Source | <code><xs:element name="prodAkzeptanzEnde" type="ct:Date"/></code> |


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> |

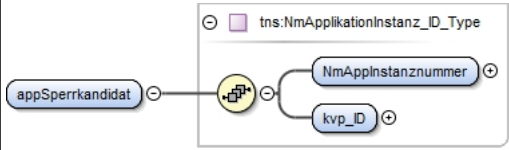
Element tns:TX_SMIT_Type / sperrAnforderungBezug

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

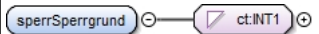
Element tns:TX_SMIT_Type / sperrEntscheidung

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Mitteilung_CODE_Type |
| Properties | content: simple |
| Facets | enumeration 1 enumeration 2 enumeration 3 enumeration 4 |
| Source | <code><xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type"/></code> |

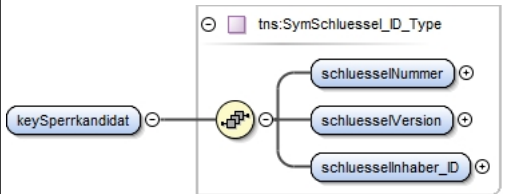
Element `tns:TXSFREIMITA_Type` / `appSperrkandidat`

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

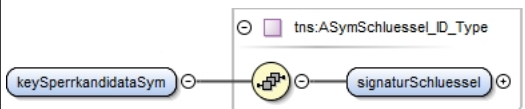
Element `tns:TX_SANF_Type` / `sperrSperrgrund`

| | | | | | |
|--------------|---|--------------|-----|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | <code>tns:INT1</code> | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <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="sperrSperrgrund" type="ct:INT1"/></pre> | | | | |

Element `tns:TXSANFSYMK_Type` / `keySperrkandidat`

| | |
|------------|--|
| 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><keySperrkandidat> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidat></pre> |
| Source | <pre><xs:element name="keySperrkandidat" type="tns:SymSchluessel_ID_Type"/></pre> |

Element `tns:TXSANFASYMK_Type` / `keySperrkandidataSym`

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

| | |
|------------|--|
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidataSym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidataSym></pre> |
| Source | <pre><xs:element name="keySperrkandidataSym" type="tns:ASymSchluessel_ID_Type" /></pre> |

Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym></pre> |
| Source | <pre><xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /></pre> |

Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym></pre> |
| Source | <pre><xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type" /></pre> |

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 | <xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type" /> |

Element tns:TXSMITASYMK_Type / keySperrkandidatsym

| | |
|------------|--|
| Namespace | No namespace |
| Diagram | <p>The diagram shows a class 'keySperrkandidatsym' containing a class 'signaturSchluessel'. A legend box labeled 'tns:ASymSchluessel_ID_Type' contains a yellow circle with a plus sign, which is connected to the 'signaturSchluessel' class.</p> |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatsym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatsym></pre> |
| Source | <xs:element name="keySperrkandidatsym" type="tns:ASymSchluessel_ID_Type" /> |