

Schema documentation for XML- Schema_ALISE.xsd

november 12, 2021

Table of Contents

| | |
|--|----|
| Resource hierarchy: | 5 |
| Namespace: "http://vdv/ka/alise/2" | 6 |
| Schema(s) | 6 |
| Main schema XML-Schema_ALISE.xsd | 6 |
| Element(s) | 6 |
| Element tns:TerminalGruppe_ID_Type / tns:terminalGruppenNummer | 6 |
| Element tns:TerminalGruppe_ID_Type / tns:pv_ID | 6 |
| Element tns:TX_IDENTAM_Type / tns:amTerminalGruppe_ID | 7 |
| Element tns:TX_IDENTAM_Type / tns:amTerminal_ID | 7 |
| Element tns:TX_IDENTAM_Type / tns:amAenderungsreferenz_ID | 7 |
| Element tns:TX_IDENTAM_Type / tns:appInstanz_ID | 8 |
| Element tns:TX_IDENTAM_Type / tns:logTransaktionsOperator_ID | 8 |
| Element tns:TX_IDENTAM_Type / tns:berBerechtigung_ID | 8 |
| Element tns:TX_IDENTAM_Type / tns:prodProdukt_ID | 9 |
| Element tns:TX_IDENTAM_Type / tns:prodKeyOrganisation_ID | 9 |
| Element tns:TX_IDENTAM_Type / tns:berStatus | 9 |
| Element tns:TX_IDENTAM_Type / tns:berSynchronNummer | 10 |
| Element tns:TXAUFBER_Type / tns:amAktionGueltigBis | 10 |
| Element tns:TXAUFBER_Type / tns:berInfoText | 10 |
| Element tns:TXAUFBER_Type / tns:amMKPV-NM-MAC_ID | 11 |
| Element tns:TXAUFBER_Type / tns:amMKKVP-NM-MAC_ID | 11 |
| Element tns:TXAUFBER_Type / tns:amMKERF-NM-MAC_ID | 11 |
| Element tns:TXAUFBER_Type / tns:tx_ber | 12 |
| Element tns:TXAUFBER_Type / tns:tx_identam | 12 |
| Element tns:TXAUFBER_Type / tns:berProduktspezTeil | 13 |
| Element tns:TXAUFBER_Type / tns:ZusatzdatenTarifbereich | 13 |
| Element tns:TXEAUFBER_Type / tns:amAktionGueltigBis | 14 |
| Element tns:TXEAUFBER_Type / tns:tx_identam | 14 |
| Element tns:TXRAUFBER_Type / tns:amAktionGueltigBis | 15 |
| Element tns:TXRAUFBER_Type / tns:tx_identam | 15 |
| Element tns:TXAFREIBER_Type / tns:berBerechtigung_ID | 16 |
| Element tns:TXAFREIBER_Type / tns:berSynchronNummer | 16 |
| Element tns:TXAFREIMITBER_Type / tns:berBerechtigung_ID | 16 |
| Element tns:TXAFREIMITBER_Type / tns:berSynchronNummer | 17 |
| Element tns:TXAINF_Type / tns:transMediennummer | 17 |
| Element tns:TXAINF_Type / tns:transAppInstanz_ID | 17 |
| Element tns:TXAINF_Type / tns:transAppGueltigkeitsende | 18 |
| Element tns:TXASAINF_Type / tns:transMediennummer | 18 |
| Element tns:TXASAINF_Type / tns:transAppInstanz_ID | 18 |
| Element tns:TXAML_Type / tns:amListeSender_ID | 18 |
| Element tns:TXAML_Type / tns:amListeEmpfaenger_ID | 19 |
| Element tns:TXAML_Type / tns:amListeNummer | 19 |
| Element tns:TXAML_Type / tns:amListeZeitstempel | 19 |
| Element tns:TXAML_Type / tns:txalisber | 20 |
| Element tns:TXALISBER_Type / tns:amAuftragsTyp | 20 |
| Element tns:TXALISBER_Type / tns:logTransaktionsTyp | 21 |
| Element tns:TXALISBER_Type / tns:berInfoText | 22 |
| Element tns:TXALISBER_Type / tns:amMKPV-NM-MAC_ID | 22 |
| Element tns:TXALISBER_Type / tns:amMKKVP-NM-MAC_ID | 22 |
| Element tns:TXALISBER_Type / tns:amMKERF-NM-MAC_ID | 23 |
| Element tns:TXALISBER_Type / tns:tx_ber | 23 |
| Element tns:TXALISBER_Type / tns:tx_identam | 24 |
| Element tns:TXALISBER_Type / tns:berProduktspezTeil | 24 |
| Element tns:TXAML_Type / tns:txrlisber | 25 |
| Element tns:TXRLISBER_Type / tns:amAuftragsTyp | 25 |
| Element tns:TXRLISBER_Type / tns:logTransaktionsTyp | 25 |
| Element tns:TXRLISBER_Type / tns:tx_identam | 26 |
| Element tns:TXAML_Type / tns:txelisber | 27 |
| Element tns:TXELISBER_Type / tns:amAuftragsTyp | 28 |
| Element tns:TXELISBER_Type / tns:logTransaktionsTyp | 28 |

| | |
|--|----|
| Element tns:TXELISBER_Type / tns:tx_identam | 29 |
| Element tns:TXAMTL_Type / tns:amListeSender_ID | 30 |
| Element tns:TXAMTL_Type / tns:amListeEmpfaenger_ID | 30 |
| Element tns:TXAMTL_Type / tns:amListeNummer | 30 |
| Element tns:TXAMTL_Type / tns:amListeZeitstempel | 31 |
| Element tns:TXAMTL_Type / tns:txalisber | 31 |
| Element tns:TXAMTL_Type / tns:txrlisber | 32 |
| Element tns:TXAMTL_Type / tns:txelisber | 32 |
| Element tns:TXAMD_L_Type / tns:amListeSender_ID | 33 |
| Element tns:TXAMD_L_Type / tns:amListeEmpfaenger_ID | 33 |
| Element tns:TXAMD_L_Type / tns:amListeNummer | 33 |
| Element tns:TXAMD_L_Type / tns:amListeZeitstempel | 34 |
| Element tns:TXAMD_L_Type / tns:amListePruefsumme | 34 |
| Element tns:TXAMD_L_Type / tns:txalisber | 34 |
| Element tns:TXAMD_L_Type / tns:txrlisber | 35 |
| Element tns:TXAMD_L_Type / tns:txelisber | 36 |
| Element tns:TXAMD_L_Type / tns:txllisber | 36 |
| Element tns:TXLLISBER_Type / tns:amAuftragsTyp | 37 |
| Element tns:TXLLISBER_Type / tns:berBerechtigung_ID | 37 |
| Element tns:TXLLISBER_Type / tns:berSynchronNummer | 37 |
| Element tns:TXAMTDL_Type / tns:amListeSender_ID | 38 |
| Element tns:TXAMTDL_Type / tns:amListeEmpfaenger_ID | 38 |
| Element tns:TXAMTDL_Type / tns:amListeNummer | 38 |
| Element tns:TXAMTDL_Type / tns:amListeZeitstempel | 39 |
| Element tns:TXAMTDL_Type / tns:amListePruefsumme | 39 |
| Element tns:TXAMTDL_Type / tns:txalisber | 39 |
| Element tns:TXAMTDL_Type / tns:txrlisber | 40 |
| Element tns:TXAMTDL_Type / tns:txelisber | 40 |
| Element tns:TXAMTDL_Type / tns:txllisber | 41 |
| Element tns:TXAMK_Type / tns:amKonfigurationTyp | 41 |
| Element tns:TXAMK_Type / tns:amTerminalGruppe_ID | 41 |
| Element tns:TXAMK_Type / tns:amTerminalGruppeBezeichnung | 42 |
| Element tns:TXAMK_Type / tns:amTerminalGruppeZusatzinfo | 42 |
| Element tns:TXAMK_Type / tns:amTerminalGruppeStatus | 42 |
| Element tns:TXAMK_Type / tns:amTerminalGruppeTyp | 42 |
| Element tns:TXAMK_Type / tns:prodProdukt_ID | 43 |
| Element tns:TXAMK_Type / tns:amTerminal_ID | 43 |
| Element tns:TXAMK_Type / tns:amTerminalBezeichnung | 43 |
| Element tns:TXAMK_Type / tns:amTerminalZusatzinfo | 44 |
| Element tns:TXAMK_Type / tns:amProduktStatus | 44 |
| Element tns:TXAMK_Type / tns:amAktLStatus | 44 |
| Element tns:TXAMK_Type / tns:amAktDLStatus | 44 |
| Element tns:TXAMK_Type / tns:amAktLZeitpunkt | 45 |
| Element tns:TXAMK_Type / tns:amAktDLZeitpunkt | 45 |
| Element tns:TXAAUFBER | 45 |
| Element tns:TXEAUFBER | 46 |
| Element tns:TXRAUFBER | 46 |
| Element tns:TXAFREIBER | 47 |
| Element tns:TXAFREIMITBER | 48 |
| Element tns:TXAMK | 48 |
| Element tns:TXASAML | 50 |
| Element tns:TXASAMTL | 50 |
| Element tns:TXASAMD_L | 51 |
| Element tns:TXASAMTDL | 51 |
| Element tns:TXAML | 52 |
| Element tns:TXAMTL | 53 |
| Element tns:TXAMD_L | 53 |
| Element tns:TXAMTDL | 54 |
| Element tns:TXASAINF | 55 |
| Element tns:TXAINF | 56 |
| Complex Type(s) | 57 |
| Complex Type tns:TerminalGruppe_ID_Type | 57 |
| Complex Type tns:TX_IDENTAM_Type | 57 |
| Complex Type tns:TXAAUFBER_Type | 58 |
| Complex Type tns:TXEAUFBER_Type | 59 |
| Complex Type tns:TXRAUFBER_Type | 60 |
| Complex Type tns:TXAFREIBER_Type | 61 |
| Complex Type tns:TXAFREIMITBER_Type | 61 |
| Complex Type tns:TXAINF_Type | 62 |
| Complex Type tns:TXASAINF_Type | 62 |
| Complex Type tns:TXAML_Type | 63 |
| Complex Type tns:TXALISBER_Type | 64 |

| | |
|---|----|
| Complex Type tns:TXRLISBER_Type | 65 |
| Complex Type tns:TXELISBER_Type | 66 |
| Complex Type tns:TXAMTL_Type | 66 |
| Complex Type tns:TXAMD_L_Type | 67 |
| Complex Type tns:TXLLISBER_Type | 68 |
| Complex Type tns:TXAMTD_L_Type | 68 |
| Complex Type tns:TXAMK_Type | 69 |
| Simple Type(s) | 71 |
| Simple Type tns:WertobjektStatus_CODE_Type | 71 |
| Namespace: "http://vdv/ka/common/types/2" | 71 |
| Schema(s) | 71 |
| Imported schema XML-Schema_Common_Types.xsd | 71 |
| Simple Type(s) | 72 |
| Simple Type tns:ReferenceNumberTwo | 72 |
| Simple Type tns:INT2 | 72 |
| Simple Type tns:INT1 | 72 |
| Simple Type tns:ReferenceNumberFour | 73 |
| Simple Type tns:INT4 | 73 |
| Simple Type tns:ReferenceNumberOne | 74 |
| Simple Type tns:SequenceNumberFour | 74 |
| Simple Type tns:DateTime | 74 |
| Simple Type tns:BitString16 | 75 |
| Simple Type tns:DateTimeCompact | 75 |
| Simple Type tns:OctetString10 | 76 |
| Simple Type tns:BitString1 | 76 |
| Simple Type tns:BitString8 | 76 |
| Simple Type tns:Date | 77 |
| Simple Type tns:DateCompact | 77 |
| Simple Type tns:Datef | 77 |
| Simple Type tns:INT3 | 78 |
| Simple Type tns:OctetString1 | 78 |
| Simple Type tns:OctetString4 | 78 |
| Simple Type tns:OctetString8 | 79 |
| Simple Type tns:OctetString12 | 79 |
| Simple Type tns:OctetString128 | 79 |
| Simple Type tns:OctetString200 | 80 |
| Simple Type tns:ReferenceNumberThree | 80 |
| Simple Type tns:SequenceNumberOne | 80 |
| Simple Type tns:SequenceNumberTwo | 81 |
| Simple Type tns:SequenceNumberThree | 81 |
| Namespace: "http://vdv/ka/common/2" | 82 |
| Schema(s) | 82 |
| Imported schema XML-Schema_KA_Common.xsd | 82 |
| Element(s) | 82 |
| Element tns:VX | 82 |
| Simple Type(s) | 82 |
| Simple Type tns:Organisation_ID | 82 |
| Simple Type tns:KommunikationsPartnerRolle | 83 |
| Simple Type tns:StatusCode | 84 |
| Simple Type tns:StatusText | 85 |
| Complex Type(s) | 86 |
| Complex Type tns:VX_Message_Type | 86 |
| Namespace: "http://vdv/ka/ion/2" | 86 |
| Schema(s) | 86 |
| Imported schema XML-Schema_ION.xsd | 86 |
| Element(s) | 86 |
| Element tns:TXB | 86 |
| Element tns:TXA | 87 |
| Element tns:TXBRequest | 88 |
| Element tns:TXARequest | 88 |
| Element tns:TXDEABER | 89 |
| Element tns:TXSMITA | 90 |
| Element tns:TXSFREIMITA | 90 |
| Element tns:TXSANFSYMK | 91 |
| Element tns:TXSANFASYMK | 92 |
| Element tns:TXSAANFSYMK | 92 |
| Element tns:TXSAANFASYMK | 93 |
| Element tns:TXSFREIMITSYMK | 94 |
| Element tns:TXSFREIMITASYMK | 94 |
| Element tns:TXSMITSYMK | 95 |
| Element tns:TXSMITASYMK | 96 |
| Element tns:TXSNAWA | 96 |











| | |
|---|-----|
| Element tns:TXSNAWB | 97 |
| Complex Type(s) | 98 |
| Complex Type tns:Terminal_ID_Type | 98 |
| Complex Type tns:Berechtigung_ID_Type | 98 |
| Complex Type tns:NmApplikationInstanz_ID_Type | 99 |
| Complex Type tns:EFMProdukt_ID_Type | 99 |
| Complex Type tns:TX_BASE_Type | 99 |
| Complex Type tns:ION_TX_HEADER_Type | 100 |
| Complex Type tns:IONTransaktion_ID_Type | 101 |
| Complex Type tns:SymSchluessel_ID_Type | 101 |
| Complex Type tns:TX_BER_Type | 102 |
| Complex Type tns:TXAS_Type | 102 |
| Complex Type tns:Ort_ID_Type | 103 |
| Complex Type tns:Transaktionsdatensatz_Type | 103 |
| Complex Type tns:ASymSchluessel_ID_Type | 104 |
| Complex Type tns:appNmTransaktionMAC_Type | 104 |
| Complex Type tns:berNmTransaktionMAC_Type | 104 |
| Complex Type tns:TX_RET_Type | 105 |
| Complex Type tns:TX_SMIT_Type | 105 |
| Complex Type tns:TX_SANF_Type | 106 |
| Complex Type tns:TXA_Type | 107 |
| Complex Type tns:TXB_Type | 107 |
| Complex Type tns:TXDEABER_Req_Type | 108 |
| Complex Type tns:TXSMITA_Type | 109 |
| Complex Type tns:TXSFREIMITA_Type | 109 |
| Complex Type tns:TXSANFSYMK_Type | 110 |
| Complex Type tns:TXSANFASYMK_Type | 110 |
| Complex Type tns:TXSAANFSYMK_Type | 111 |
| Complex Type tns:TXSAANFASYMK_Type | 112 |
| Complex Type tns:TXSFREIMITSYMK_Type | 112 |
| Complex Type tns:TXSFREIMITASYMK_Type | 113 |
| Complex Type tns:TXSMITSYMK_Type | 113 |
| Complex Type tns:TXSMITASYMK_Type | 114 |
| Complex Type tns:TXSNAWA_Req_Type | 115 |
| Complex Type tns:TXSNAWB_Req_Type | 116 |
| Simple Type(s) | 116 |
| Simple Type tns:TerminalTyp_CODE_Type | 116 |
| Simple Type tns:TransSignatur_Type | 117 |
| Simple Type tns:Abrechnungsverfahren_CODE_Type | 117 |
| Simple Type tns:Bezahlart_CODE_Type | 118 |
| Simple Type tns:PrintableString | 119 |
| Simple Type tns:AuftragsTyp_CODE | 119 |
| Simple Type tns:NmTransaktionsTyp_CODE | 119 |
| Simple Type tns:CommonServiceResultCode | 122 |
| Simple Type tns:OrtsTyp_CODE_Type | 123 |
| Simple Type tns:SAM_ID_Type | 123 |
| Simple Type tns:Mitteilung_CODE_Type | 124 |
| Simple Type tns:SperrlistenZyklusNummer_Type | 124 |
| Namespace: "" | 125 |
| Element(s) | 125 |
| Element tns:Terminal_ID_Type / terminalTyp | 125 |
| Element tns:Terminal_ID_Type / terminalNummer | 125 |
| Element tns:Terminal_ID_Type / terminalOwner_ID | 126 |
| Element tns:Berechtigung_ID_Type / berechtigungNummer | 126 |
| Element tns:Berechtigung_ID_Type / kvp_ID | 126 |
| Element tns:NmApplikationInstanz_ID_Type / NmAppInstanznummer | 127 |
| Element tns:NmApplikationInstanz_ID_Type / kvp_ID | 127 |
| Element tns:EFMProdukt_ID_Type / produktNummer | 127 |
| Element tns:EFMProdukt_ID_Type / organisationID | 128 |
| Element tns:TX_BASE_Type / txbase | 128 |
| Element tns:ION_TX_HEADER_Type / transAuftrag | 129 |
| Element tns:ION_TX_HEADER_Type / transEmpfaenger_ID | 129 |
| Element tns:ION_TX_HEADER_Type / transEmpfaengerRolle | 129 |
| Element tns:ION_TX_HEADER_Type / transStatus | 130 |
| Element tns:ION_TX_HEADER_Type / transTransaktion_ID | 130 |
| Element tns:IONTransaktion_ID_Type / transSequenznummer | 131 |
| Element tns:IONTransaktion_ID_Type / transSenderRolle | 131 |
| Element tns:IONTransaktion_ID_Type / transSender_ID | 131 |
| Element tns:ION_TX_HEADER_Type / transTransaktionsTyp | 132 |
| Element tns:ION_TX_HEADER_Type / transTransaktionsZeitpunkt | 132 |
| Element tns:ION_TX_HEADER_Type / transVersion | 132 |
| Element tns:ION_TX_HEADER_Type / transWiederholungsZaehler | 133 |

| | |
|---|-----|
| Element tns:ION_TX_HEADER_Type / transSignaturTyp | 133 |
| Element tns:ION_TX_HEADER_Type / transSignaturZertifikat | 133 |
| Element tns:ION_TX_HEADER_Type / transSignatur | 133 |
| Element tns:SymSchluessel_ID_Type / schluesselNummer | 134 |
| Element tns:SymSchluessel_ID_Type / schluesselVersion | 134 |
| Element tns:SymSchluessel_ID_Type / schluesselInhaber_ID | 134 |
| Element tns:TX_BER_Type / berGueltigkeitsbeginn | 135 |
| Element tns:TX_BER_Type / berGueltigkeitsende | 135 |
| Element tns:TX_BER_Type / prodAbrechnungsverfahren | 135 |
| Element tns:TX_BER_Type / berBezahlArt | 135 |
| Element tns:TX_BER_Type / berBezahlMittel | 136 |
| Element tns:TXAS_Type / transSendeAuftrag | 136 |
| Element tns:TXAS_Type / transSendeAuftragstyp | 136 |
| Element tns:VX_Message_Type / StatusCode | 137 |
| Element tns:VX_Message_Type / StatusText | 137 |
| Element tns:Ort_ID_Type / ortTyp | 138 |
| Element tns:Ort_ID_Type / ortNummer | 138 |
| Element tns:Ort_ID_Type / ortDomaene_ID | 138 |
| Element tns:Transaktionsdatensatz_Type / Transaktionsdaten | 138 |
| Element tns:ASymSchluessel_ID_Type / signaturSchluessel | 139 |
| Element tns:appNmTransaktionMAC_Type / appMAC_AH | 139 |
| Element tns:appNmTransaktionMAC_Type / appMAC_KVP | 139 |
| Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID | 139 |
| Element tns:appNmTransaktionMAC_Type / appMAC_KVP_Schluessel_ID | 140 |
| Element tns:berNmTransaktionMAC_Type / berMAC_PV | 140 |
| Element tns:berNmTransaktionMAC_Type / berMAC_KVP | 140 |
| Element tns:berNmTransaktionMAC_Type / berMAC_PV_Schluessel_ID | 141 |
| Element tns:berNmTransaktionMAC_Type / berMAC_KVP_Schluessel_ID | 141 |
| Element tns:TX_RET_Type / transOrigID | 141 |
| Element tns:TX_RET_Type / transOrigSignatur | 142 |
| Element tns:TX_RET_Type / transOriginalzeit | 142 |
| Element tns:TX_SMIT_Type / sperrAnforderungBezug | 142 |
| Element tns:TX_SMIT_Type / sperrEntscheidung | 143 |
| Element tns:TX_SANF_Type / sperrSperrgrund | 143 |
| Element tns:TXA_Type / transAblehnungGrund | 143 |
| Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde | 144 |
| Element tns:TXDEABER_Req_Type / prodProdukt_ID | 144 |
| Element tns:TXSMITA_Type / appSperrkandidat | 144 |
| Element tns:TXSANFSYMK_Type / keySperrkandidatsym | 145 |
| Element tns:TXSANFASYMK_Type / keySperrkandidatasym | 145 |
| Element tns:TXSFREIMITSYMK_Type / keySperrkandidatsym | 145 |
| Element tns:TXSFREIMITASYMK_Type / keySperrkandidatasym | 146 |
| Element tns:TXSMITSYMK_Type / keySperrkandidatsym | 146 |
| Element tns:TXSMITASYMK_Type / keySperrkandidatasym | 146 |
| Element tns:TXSNAWA_Req_Type / samSperrkandidat | 147 |
| Element tns:TXSNAWA_Req_Type / orgSperrkandidat | 147 |
| Element tns:TXSNAWA_Req_Type / zyklusNummer | 147 |
| Element tns:TXSNAWA_Req_Type / sperrtransaktionApplikation | 148 |
| Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC | 148 |
| Element tns:TXSNAWB_Req_Type / samSperrkandidat | 149 |
| Element tns:TXSNAWB_Req_Type / orgSperrkandidat | 149 |
| Element tns:TXSNAWB_Req_Type / zyklusNummer | 149 |
| Element tns:TXSNAWB_Req_Type / sperrtransaktionBerechtigung | 150 |
| Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC | 150 |

Resource hierarchy:

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

XML-Schema_ALISE.xsd

-   XML-Schema_Common_Types.xsd
-   XML-Schema_KA_Common.xsd
-   XML-Schema_Common_Types.xsd
-   XML-Schema_ION.xsd
-   XML-Schema_Common_Types.xsd

XML-Schema_KA_Common.xsd

XML-Schema_Common_Types.xsd

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

Schema(s)

Main schema XML-Schema_ALISE.xsd

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Erweiterung von KVP oder PV System durch ALISE Funktionalitaet. Definition der Nachrichten und Datenstrukturen. |
| Properties | attribute form default: unqualified |
| | element form default: qualified |
| | version: 1.10.0 |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element(s)

Element tns:TerminalGruppe_ID_Type / tns:terminalGruppenNummer

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

Element tns:TerminalGruppe_ID_Type / tns:pv_ID

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

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

Element **tns:TX_IDENTAM_Type** / **tns:amTerminalGruppe_ID**

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

Element **tns:TX_IDENTAM_Type** / **tns:amTerminal_ID**

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

Element **tns:TX_IDENTAM_Type** / **tns:amAenderungsreferenz_ID**

| | |
|------------|--------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |
| Properties | content: complex |

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

Element **tns:TX_IDENTAM_Type** / **tns:appInstanz_ID**

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

Element **tns:TX_IDENTAM_Type** / **tns:logTransaktionsOperator_ID**

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

Element **tns:TX_IDENTAM_Type** / **tns:berBerechtigung_ID**

| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |

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

Element tns:TX_IDENTAM_Type / tns:prodProdukt_ID

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

Element tns:TX_IDENTAM_Type / tns:prodKeyOrganisation_ID

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

Element tns:TX_IDENTAM_Type / tns:berStatus

| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:WertobjektStatus_CODE_Type |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:WertobjektStatus_CODE_Type |
| Properties | content: simple |
| Facets | maxInclusive 255 |
| | minInclusive 0 |
| | enumeration 7 ausgegeben/entsperrt (EN 1545-1 o.k. (7)) |
| | enumeration 19 gesperrt (EN 1545-1 blocked (19)) |
| | enumeration 5 zurueckgenommen (EN 1545-1 canceled (5)) |
| Source | <code><xs:element name="berStatus" type="tns:WertobjektStatus_CODE_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TX_IDENTAM_Type / tns:berSynchronNummer

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

Element tns:TXAAUFBER_Type / tns:amAktionGueltigBis

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amAktionGueltigBis" type="ct:DateTime"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAAUFBER_Type / tns:berInfoText

| | |
|------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | xs:string |
| Properties | content: simple |
| Source | <code><xs:element name="berInfoText" type="xs:string"/></code> |

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

Element **tns:TXAAUFBER_Type** / **tns:amMKPV-NM-MAC_ID**

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

Element **tns:TXAAUFBER_Type** / **tns:amMKKVP-NM-MAC_ID**

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

Element **tns:TXAAUFBER_Type** / **tns:amMKERF-NM-MAC_ID**

| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |

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

Element tns:TXAUFBER_Type / tns:tx_ber

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

Element tns:TXAUFBER_Type / tns:tx_identam

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

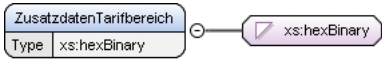
| | |
|-----------------|---|
| Diagram | |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:appInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer |
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodProdukt_ID, tns:prodKeyOrganisation_ID |
| Instance | <pre><tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam></pre> |
| Source | <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type"/> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAAUFBER_Type / tns:berProduktspezTeil

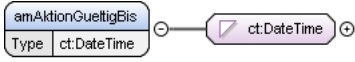
| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | xs:hexBinary |
| Properties | content: simple |
| Source | <xs:element name="berProduktspezTeil" type="xs:hexBinary"/> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/X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

Element tns:TXAAUFBER_Type / tns:ZusatzdatenTarifbereich

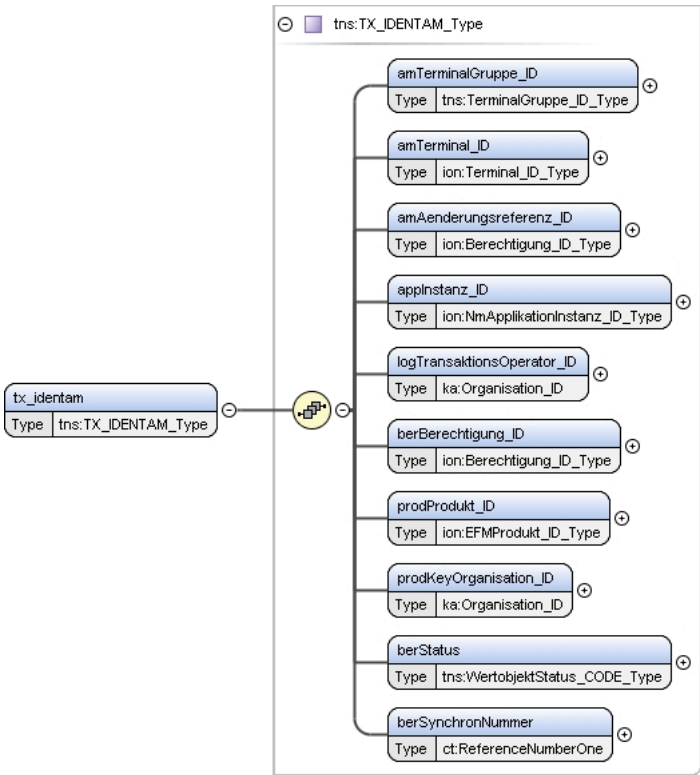
| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
|-----------|-----------------------|

| | |
|-----------------|---|
| Diagram |  The diagram shows a box labeled 'ZusatzdatenTarifbereich' with 'Type xs:hexBinary' below it. A line with a circle at the end connects this box to another box labeled 'xs:hexBinary'. |
| Type | xs:hexBinary |
| Properties | content: simple |
| Source | <code><xs:element name="ZusatzdatenTarifbereich" type="xs:hexBinary"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXEAUFBER_Type / tns:amAktionGueltigBis

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box labeled 'amAktionGueltigBis' with 'Type ct:DateTime' below it. A line with a circle at the end connects this box to another box labeled 'ct:DateTime'. |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amAktionGueltigBis" type="ct:DateTime"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXEAUFBER_Type / tns:tx_identam

| | |
|------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box labeled 'tx_identam' with 'Type tns:TX_IDENTAM_Type' below it. A line with a circle at the end connects this box to a larger box labeled 'tns:TX_IDENTAM_Type'. Inside this larger box, there are several smaller boxes, each representing a child element: 'amTerminalGruppe_ID' (Type tns:TerminalGruppe_ID_Type), 'amTerminal_ID' (Type ion:Terminal_ID_Type), 'amAenderungsreferenz_ID' (Type ion:Berechtigung_ID_Type), 'applInstanz_ID' (Type ion:NmApplikationInstanz_ID_Type), 'logTransaktionsOperator_ID' (Type ka:Organisation_ID), 'berBerechtigung_ID' (Type ion:Berechtigung_ID_Type), 'prodProdukt_ID' (Type ion:EFMProdukt_ID_Type), 'prodKeyOrganisation_ID' (Type ka:Organisation_ID), 'berStatus' (Type tns:WertobjektStatus_CODE_Type), and 'berSynchronNummer' (Type ct:ReferenceNumberOne). Each of these inner boxes is connected to the main 'tns:TX_IDENTAM_Type' box by a line with a circle at the end. |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:appInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer |
| Children | tns:amAenderungsreferenz_ID , tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:appInstanz_ID , tns:berBerechtigung_ID , tns:berStatus , tns:berSynchronNummer , tns:logTransaktionsOperator_ID , tns:prodKeyOrganisation_ID , tns:prodProdukt_ID |
| Instance | <pre><tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID></pre> |

| | |
|-----------------|---|
| | <pre> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam> </pre> |
| Source | <code><xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXRAUFBER_Type / tns:amAktionGueltigBis

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amAktionGueltigBis" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXRAUFBER_Type / tns:tx_identam

| | |
|------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:amAenderungsreferenz_ID, tns:appInstanz_ID, tns:logTransaktionsOperator_ID, tns:berBerechtigung_ID, tns:prodProdukt_ID, tns:prodKeyOrganisation_ID, tns:berStatus, tns:berSynchronNummer |
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID |
| Instance | <pre> <tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> </pre> |

| | |
|-----------------|--|
| | <pre> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam> </pre> |
| Source | <code><xs:element name="tx_identam" type="tns:TX_IDENTAM_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAFREIBER_Type** / **tns:berBerechtigung_ID**

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

Element **tns:TXAFREIBER_Type** / **tns:berSynchronNummer**

| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| Diagram | | | | | |
| Type | tns:ReferenceNumberOne | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:ReferenceNumberOne | | | | |
| 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="berSynchronNummer" type="ct:ReferenceNumberOne"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | | | |

Element **tns:TXAFREIMITBER_Type** / **tns:berBerechtigung_ID**

| | |
|-----------|--------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:Berechtigung_ID_Type |

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

Element **tns:TXAFREIMITBER_Type** / **tns:berSynchronNummer**

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

Element **tns:TXAINF_Type** / **tns:transMediennummer**


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

Element **tns:TXAINF_Type** / **tns:transAppInstanz_ID**

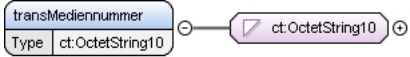
| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:transAppInstanz_ID xmlns:tns="http://vdv/ka/alise/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID></pre> |

| | |
|-----------------|---|
| | <code></tns:transAppInstanz_ID></code> |
| Source | <code><xs:element name="transAppInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

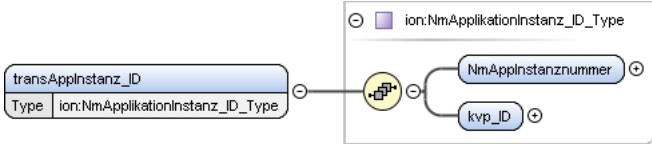
Element `tns:TXAINF_Type` / `tns:transAppGueltigkeitsende`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box for the element 'transAppGueltigkeitsende' with a sub-label 'Type' and 'ct:DateTime'. It is connected to a purple box labeled 'ct:DateTime'. |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="transAppGueltigkeitsende" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

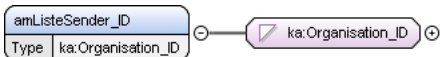
Element `tns:TXASAINF_Type` / `tns:transMediennummer`

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box for the element 'transMediennummer' with a sub-label 'Type' and 'ct:OctetString10'. It is connected to a purple box labeled 'ct:OctetString10'. |
| Type | tns:OctetString10 |
| Properties | content: simple nillable: true |
| Facets | length 10 |
| Source | <code><xs:element name="transMediennummer" type="ct:OctetString10" nillable="true" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element `tns:TXASAINF_Type` / `tns:transAppInstanz_ID`

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box for the element 'transAppInstanz_ID' with a sub-label 'Type' and 'ion:NmApplikationInstanz_ID_Type'. It is connected to a yellow box labeled 'ion:NmApplikationInstanz_ID_Type'. This box is further connected to two blue boxes: 'NmAppInstanznummer' and 'kvp_ID'. |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex nillable: true |
| Model | NmAppInstanznummer, kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><tns:transAppInstanz_ID xmlns:tns="http://vdv/ka/alise/2"> <NmAppInstanznummer>{1,1}</NmAppInstanznummer> <kvp_ID>{1,1}</kvp_ID> </tns:transAppInstanz_ID></pre> |
| Source | <code><xs:element name="transAppInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" nillable="true" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element `tns:TXAML_Type` / `tns:amListeSender_ID`

| | |
|-----------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box for the element 'amListeSender_ID' with a sub-label 'Type' and 'ka:Organisation_ID'. It is connected to a purple box labeled 'ka:Organisation_ID'. |

| | |
|-----------------|---|
| 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="amListeSender_ID" type="ka:Organisation_ID" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAML_Type / tns:amListeEmpfaenger_ID

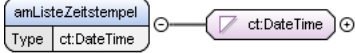
| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID |
| Properties | content: simple |
| Facets | maxInclusive 65535 |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

Element tns:TXAML_Type / tns:amListeNummer

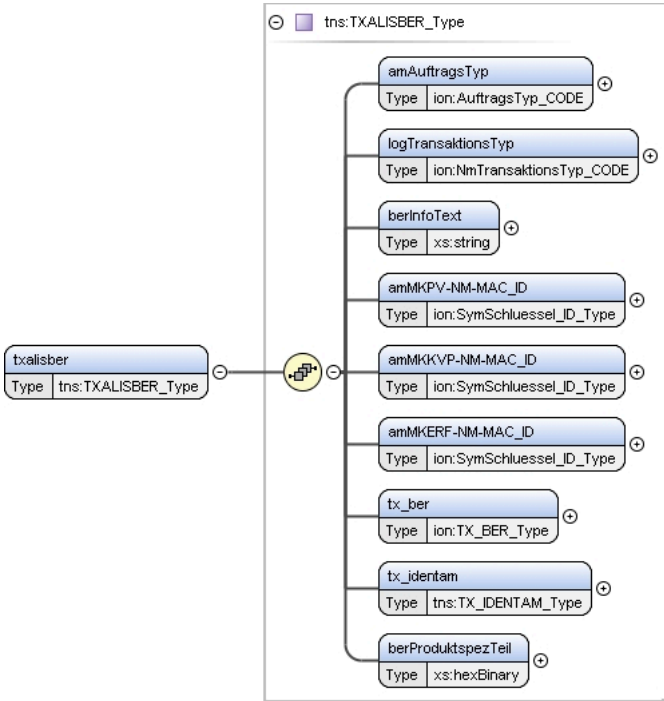
| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:ReferenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="amListeNummer" type="ct:ReferenceNumberFour" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAML_Type / tns:amListeZeitstempel

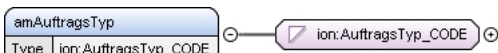
| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
|-----------|-----------------------|

| | |
|-----------------|---|
| Diagram |  |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amListeZeitstempel" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAML_Type / tns:txalisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:TXALISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:berInfoText, tns:amMKPV-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKERF-NM-MAC_ID, tns:tx_ber, tns:tx_identam, tns:berProduktspezTeil |
| Children | tns:amAuftragsTyp, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:logTransaktionsTyp, tns:tx_ber, tns:tx_identam |
| Instance | <pre><tns:txalisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:berInfoText>{1,1}</tns:berInfoText> <tns:amMKPV-NM-MAC_ID>{1,1}</tns:amMKPV-NM-MAC_ID> <tns:amMKKVP-NM-MAC_ID>{1,1}</tns:amMKKVP-NM-MAC_ID> <tns:amMKERF-NM-MAC_ID>{1,1}</tns:amMKERF-NM-MAC_ID> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:tx_identam>{1,1}</tns:tx_identam> <tns:berProduktspezTeil>{1,1}</tns:berProduktspezTeil> </tns:txalisber></pre> |
| Source | <code><xs:element name="txalisber" type="tns:TXALISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXALISBER_Type / tns:amAuftragsTyp

| | |
|-----------|---|
| Namespace | http://vdv/ka/alise/2 |
| 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 | maxInclusive 255 |
| | minInclusive 0 |
| Source | <xs:element name="amAuftragsTyp" type="ion:AuftragsTyp_CODE" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXALISBER_Type / tns:logTransaktionsTyp

| | | | |
|----------------|--|--------|--|
| Namespace | http://vdv/ka/alise/2 | | |
| Diagram | | | |
| Type | tns:NmTransaktionsTyp_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:NmTransaktionsTyp_CODE | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 2 | Entwertung |
| | enumeration | 11 | CI |
| | enumeration | 12 | CO |
| | enumeration | 15 | Einzahlung - Berechtigung |
| | enumeration | 16 | CI nach Fahrtfortsetzung |
| | enumeration | 18 | NTP Aendern |
| | enumeration | 20 | Sperrtransaktion Applikation oder Berechtigung |
| | enumeration | 21 | Entsperrtransaktion Applikation oder Berechtigung |
| | enumeration | 22 | BI |
| | enumeration | 23 | BO |
| | enumeration | 24 | INOUT |
| | enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 27 | Kontrolle |
| | enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| | enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| | enumeration | 30 | WEB Buchung(Laden/Entladen) |
| | enumeration | 31 | WEB-CI mit Autoload |
| | enumeration | 32 | WEB-CO mit Autoload |
| | enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| | enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| | enumeration | 35 | Auto CO |

| | | | |
|-----------------|---|----|---|
| | enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| | enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| | enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| | enumeration | 39 | Rückgabetransaktion EFS ueber Aktionsliste |
| Source | <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | |

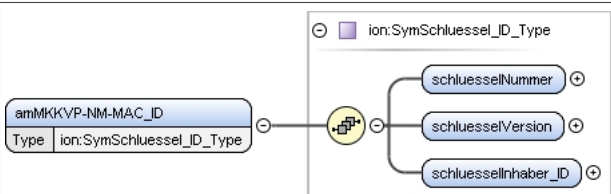
Element **tns:TXALISBER_Type** / **tns:berInfoText**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | xs:string |
| Properties | content: simple |
| Source | <xs:element name="berInfoText" type="xs:string" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXALISBER_Type** / **tns:amMKPV-NM-MAC_ID**

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

Element **tns:TXALISBER_Type** / **tns:amMKKVP-NM-MAC_ID**

| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber ID |

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

Element **tns:TXALISBER_Type** / **tns:amMKERF-NM-MAC_ID**

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

Element **tns:TXALISBER_Type** / **tns:tx_ber**

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

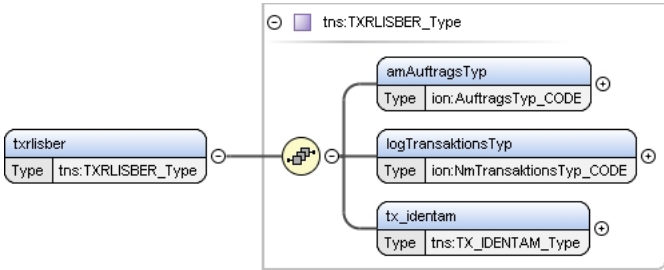
Element **tns:TXALISBER_Type** / **tns:tx_identam**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:appInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer |
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID |
| Instance | <pre><tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam></pre> |
| Source | <code><xs:element name="tx_identam" type="tns:TX_IDENTAM_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

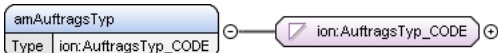
Element **tns:TXALISBER_Type** / **tns:berProduktspezTeil**

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

Element **tns:TXAML_Type** / **tns:txrlisber**

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:TXRLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionenTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionenTyp, tns:tx_identam |
| Instance | <pre><tns:txrlisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionenTyp>{1,1}</tns:logTransaktionenTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txrlisber></pre> |
| Source | <pre><xs:element name="txrlisber" type="tns:TXRLISBER_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXRLISBER_Type** / **tns:amAuftragsTyp**

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

Element **tns:TXRLISBER_Type** / **tns:logTransaktionenTyp**

| | | | |
|----------------|---|--------------|-----|
| Namespace | http://vdv/ka/alise/2 | | |
| Diagram |  | | |
| Type | tns:NmTransaktionenTyp_CODE | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:NmTransaktionenTyp_CODE | | |
| Properties | content: simple | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> </table> | maxInclusive | 255 |
| maxInclusive | 255 | | |

| | | | |
|-----------------|---|----|--|
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 2 | Entwertung |
| | enumeration | 11 | CI |
| | enumeration | 12 | CO |
| | enumeration | 15 | Einzahlung - Berechtigung |
| | enumeration | 16 | CI nach Fahrtfortsetzung |
| | enumeration | 18 | NTP Aendern |
| | enumeration | 20 | Sperrtransaktion Applikation oder Berechtigung |
| | enumeration | 21 | Entsperrtransaktion Applikation oder Berechtigung |
| | enumeration | 22 | BI |
| | enumeration | 23 | BO |
| | enumeration | 24 | INOUT |
| | enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 27 | Kontrolle |
| | enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| | enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| | enumeration | 30 | WEB Buchung(Laden/Entladen) |
| | enumeration | 31 | WEB-CI mit Autoload |
| | enumeration | 32 | WEB-CO mit Autoload |
| | enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| | enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| | enumeration | 35 | Auto CO |
| | enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| | enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| | enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| | enumeration | 39 | Rückgabetransaktion EFS ueber Aktionsliste |
| Source | <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE" /> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | |

Element tns:TXRLISBER_Type / tns:tx_identam

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

| | |
|-----------------|---|
| Diagram | |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:appInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer |
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodProdukt_ID, tns:prodKeyOrganisation_ID |
| Instance | <pre> <tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam> </pre> |
| Source | <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAML_Type / tns:txelisber

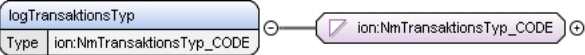
| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXELISBER_Type |

| | |
|-----------------|--|
| Properties | content: complex |
| Model | tns:amAuftragsTyp , tns:logTransaktionsTyp , tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Instance | <pre><tns:txelisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txelisber></pre> |
| Source | <code><xs:element name="txelisber" type="tns:TXELISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXELISBER_Type / tns:amAuftragsTyp

| | | | | | |
|-----------------|--|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| 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> <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="amAuftragsTyp" type="ion:AuftragsTyp_CODE" /></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | | | |

Element tns:TXELISBER_Type / tns:logTransaktionsTyp

| | | | |
|----------------|--|--------|--|
| Namespace | http://vdv/ka/alise/2 | | |
| Diagram |  | | |
| Type | tns:NmTransaktionsTyp_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:NmTransaktionsTyp_CODE | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder Berechtigung |
| | enumeration | 2 | Entwertung |
| | enumeration | 11 | CI |
| | enumeration | 12 | CO |
| | enumeration | 15 | Einzahlung - Berechtigung |
| | enumeration | 16 | CI nach Fahrtfortsetzung |
| | enumeration | 18 | NTP Aendern |
| | enumeration | 20 | Sperrtransaktion Applikation oder Berechtigung |
| | enumeration | 21 | Entsperrtransaktion Applikation oder Berechtigung |

| | | |
|-----------------|---|--|
| enumeration | 22 | BI |
| enumeration | 23 | BO |
| enumeration | 24 | INOUT |
| enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| enumeration | 27 | Kontrolle |
| enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| enumeration | 30 | WEB Buchung(Laden/Entladen) |
| enumeration | 31 | WEB-CI mit Autoload |
| enumeration | 32 | WEB-CO mit Autoload |
| enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| enumeration | 35 | Auto CO |
| enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| enumeration | 39 | Rueckgabetransaktion EFS ueber Aktionsliste |
| Source | <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE"/> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | |

Element tns:TXELISBER_Type / tns:tx_identam

| | |
|------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | <pre> classDiagram class tx_identam { amTerminalGruppe_ID : tns:TerminalGruppe_ID_Type amTerminal_ID : ion:Terminal_ID_Type amAenderungsreferenz_ID : ion:Berechtigung_ID_Type applInstanz_ID : ion:NmApplikationInstanz_ID_Type logTransaktionsOperator_ID : ka:Organisation_ID berBerechtigung_ID : ion:Berechtigung_ID_Type prodProdukt_ID : ion:EFMProdukt_ID_Type prodKeyOrganisation_ID : ka:Organisation_ID berStatus : tns:WertobjektStatus_CODE_Type berSynchronNummer : ct:ReferenceNumberOne } </pre> |
| Type | tns:TX_IDENTAM_Type |
| Properties | content: complex |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:applInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer |

| | |
|-----------------|---|
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID |
| Instance | <pre><tns:tx_identam xmlns:tns="http://vdv/ka/alise/2"> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amAenderungsreferenz_ID>{1,1}</tns:amAenderungsreferenz_ID> <tns:appInstanz_ID>{1,1}</tns:appInstanz_ID> <tns:logTransaktionsOperator_ID>{1,1}</tns:logTransaktionsOperator_ID> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:prodKeyOrganisation_ID>{1,1}</tns:prodKeyOrganisation_ID> <tns:berStatus>{1,1}</tns:berStatus> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:tx_identam></pre> |
| Source | <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTL_Type / tns:amListeSender_ID

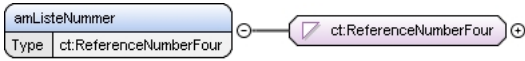
| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID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

Element tns:TXAMTL_Type / tns:amListeEmpfaenger_ID

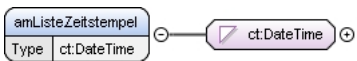
| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo tns:Organisation_ID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

Element tns:TXAMTL_Type / tns:amListeNummer

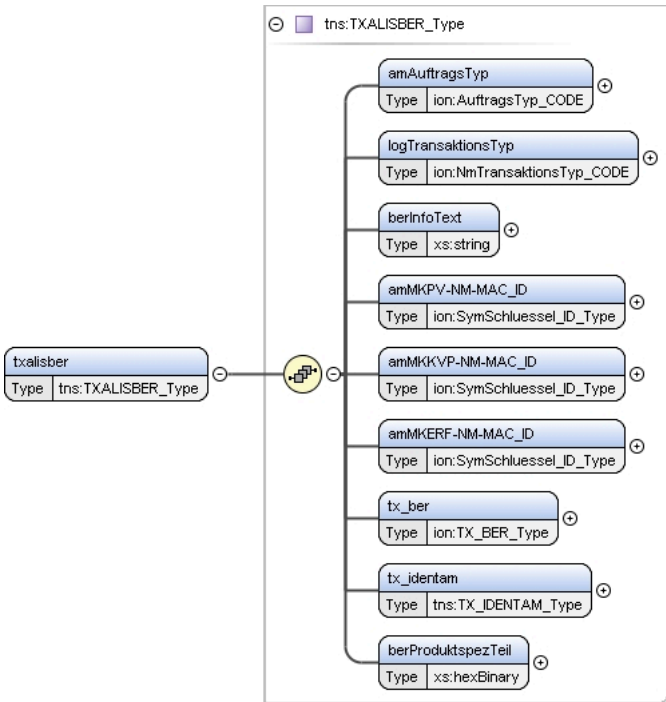
| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
|-----------|-----------------------|

| | |
|-----------------|--|
| Diagram |  The diagram shows a box labeled 'amListeNummer' with 'Type' and 'ct:ReferenceNumberFour' below it. A line connects this box to a purple box labeled 'ct:ReferenceNumberFour' with a plus sign in a circle. |
| Type | tns:ReferenceNumberFour |
| Type hierarchy | <ul style="list-style-type: none"> • xs:unsignedInt • tns:INT4 • tns:ReferenceNumberFour |
| Properties | content: simple |
| Facets | maxInclusive 4294967295 |
| | minInclusive 0 |
| Source | <code><xs:element name="amListeNummer" type="ct:ReferenceNumberFour" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTL_Type / tns:amListeZeitstempel

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box labeled 'amListeZeitstempel' with 'Type' and 'ct:DateTime' below it. A line connects this box to a purple box labeled 'ct:DateTime' with a plus sign in a circle. |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amListeZeitstempel" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTL_Type / tns:txalisber

| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  The diagram shows a box labeled 'txalisber' with 'Type' and 'tns:TXALISBER_Type' below it. A line connects this box to a yellow circle with a plus sign. This circle is connected to a large box labeled 'tns:TXALISBER_Type'. Inside this box, there is a list of elements: amAuftragsTyp (Type: ion:AuftragsTyp_CODE), logTransaktionsTyp (Type: ion:NmTransaktionsTyp_CODE), berInfoText (Type: xs:string), amMKPV-NM-MAC_ID (Type: ion:SymSchluessel_ID_Type), amMKKVP-NM-MAC_ID (Type: ion:SymSchluessel_ID_Type), amMKERF-NM-MAC_ID (Type: ion:SymSchluessel_ID_Type), tx_ber (Type: ion:TX_BER_Type), tx_identam (Type: tns:TX_IDENTAM_Type), and berProduktspezTeil (Type: xs:hexBinary). Each element box has a plus sign in a circle. |
| Type | tns:TXALISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp , tns:logTransaktionsTyp , tns:berInfoText , tns:amMKPV-NM-MAC_ID , tns:amMKKVP-NM-MAC_ID , tns:amMKERF-NM-MAC_ID , tns:tx_ber , tns:tx_identam , tns:berProduktspezTeil |

| | |
|-----------------|--|
| Children | tns:amAuftragsTyp, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:logTransaktionsTyp, tns:tx_ber, tns:tx_identam |
| Instance | <pre><tns:txalisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:berInfoText>{1,1}</tns:berInfoText> <tns:amMKPV-NM-MAC_ID>{1,1}</tns:amMKPV-NM-MAC_ID> <tns:amMKKVP-NM-MAC_ID>{1,1}</tns:amMKKVP-NM-MAC_ID> <tns:amMKERF-NM-MAC_ID>{1,1}</tns:amMKERF-NM-MAC_ID> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:tx_identam>{1,1}</tns:tx_identam> <tns:berProduktspezTeil>{1,1}</tns:berProduktspezTeil> </tns:txalisber></pre> |
| Source | <code><xs:element name="txalisber" type="tns:TXALISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTL_Type / tns:txrlisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXRLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Instance | <pre><tns:txrlisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txrlisber></pre> |
| Source | <code><xs:element name="txrlisber" type="tns:TXRLISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTL_Type / tns:txelisber

| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXELISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Instance | <pre><tns:txelisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp></pre> |

| | |
|-----------------|---|
| | <pre><tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txelisber></pre> |
| Source | <code><xs:element name="txelisber" type="tns:TXELISBER_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAMD_L_Type** / **tns:amListeSender_ID**

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

Element **tns:TXAMD_L_Type** / **tns:amListeEmpfaenger_ID**

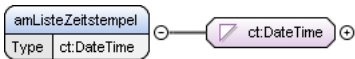
| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT2 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

Element **tns:TXAMD_L_Type** / **tns:amListeNummer**


| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| 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="amListeNummer" type="ct:ReferenceNumberFour" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMD_L_Type / tns:amListeZeitstempel

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amListeZeitstempel" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMD_L_Type / tns:amListePruefsumme

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Properties | content: simple |
| | nillable: true |
| Facets | length 32 |
| Source | <pre><xs:element name="amListePruefsumme" nillable="true"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="32" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMD_L_Type / tns:txalisber

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

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXALISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:berInfoText, tns:amMKPV-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKERF-NM-MAC_ID, tns:tx_ber, tns:tx_identam, tns:berProduktspezTeil |
| Children | tns:amAuftragsTyp, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:logTransaktionsTyp, tns:tx_ber, tns:tx_identam |
| Instance | <pre><tns:txalisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:berInfoText>{1,1}</tns:berInfoText> <tns:amMKPV-NM-MAC_ID>{1,1}</tns:amMKPV-NM-MAC_ID> <tns:amMKKVP-NM-MAC_ID>{1,1}</tns:amMKKVP-NM-MAC_ID> <tns:amMKERF-NM-MAC_ID>{1,1}</tns:amMKERF-NM-MAC_ID> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:tx_identam>{1,1}</tns:tx_identam> <tns:berProduktspezTeil>{1,1}</tns:berProduktspezTeil> </tns:txalisber></pre> |
| Source | <xs:element name="txalisber" type="tns:TXALISBER_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMDL_Type / tns:txrlisber

| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXRLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |

| | |
|-----------------|--|
| Instance | <pre><tns:txrlisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionenTyp>{1,1}</tns:logTransaktionenTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txrlisber></pre> |
| Source | <pre><xs:element name="txrlisber" type="tns:TXRLISBER_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

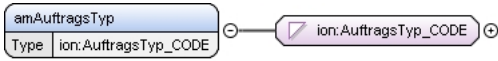
Element tns:TXAMDL_Type / tns:txelisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXELISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionenTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionenTyp, tns:tx_identam |
| Instance | <pre><tns:txelisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionenTyp>{1,1}</tns:logTransaktionenTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txelisber></pre> |
| Source | <pre><xs:element name="txelisber" type="tns:TXELISBER_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

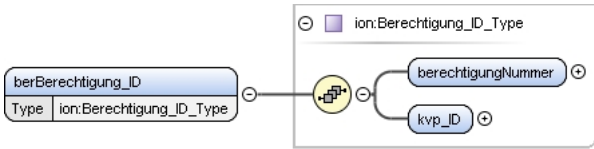
Element tns:TXAMDL_Type / tns:txllisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXLLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Children | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Instance | <pre><tns:txllisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:txllisber></pre> |
| Source | <pre><xs:element name="txllisber" type="tns:TXLLISBER_Type" /></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

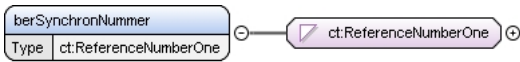
Element **tns:TXLLISBER_Type** / **tns:amAuftragsTyp**

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

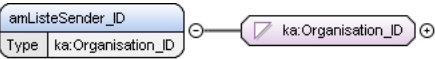
Element **tns:TXLLISBER_Type** / **tns:berBerechtigung_ID**

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

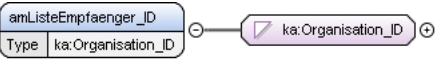
Element **tns:TXLLISBER_Type** / **tns:berSynchronNummer**

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

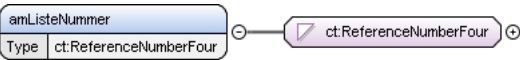
Element `tns:TXAMTDL_Type` / `tns:amListeSender_ID`

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

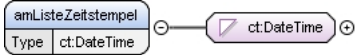
Element `tns:TXAMTDL_Type` / `tns:amListeEmpfaenger_ID`

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


Element `tns:TXAMTDL_Type` / `tns:amListeNummer`

| | | | | | |
|-----------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/alise/2 | | | | |
| 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 | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="amListeNummer" type="ct:ReferenceNumberFour"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | | | |

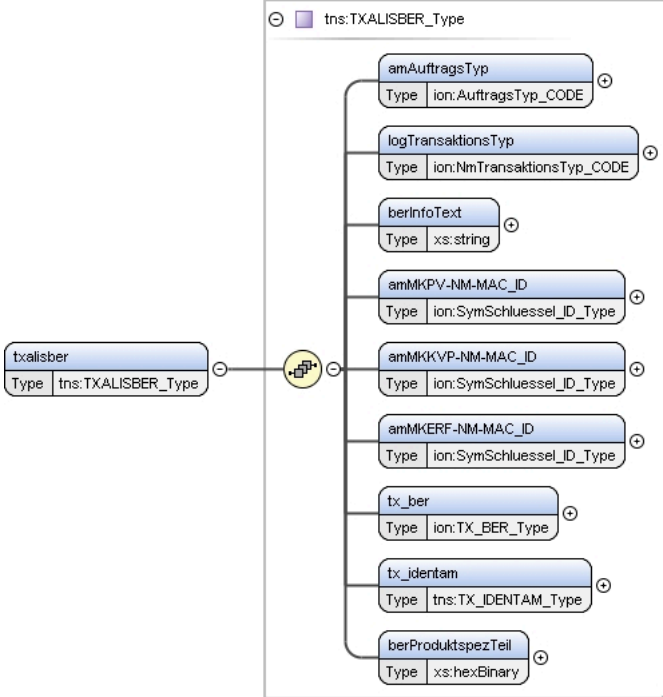
Element **tns:TXAMTDL_Type** / **tns:amListeZeitstempel**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <pre><xs:element name="amListeZeitstempel" type="ct:DateTime"/></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAMTDL_Type** / **tns:amListePruefsumme**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Properties | content: simple nillable: true |
| Facets | length 32 |
| Source | <pre><xs:element name="amListePruefsumme" nillable="true"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="32" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAMTDL_Type** / **tns:txalisber**

| | |
|-----------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:TXALISBER_Type |

| | |
|-----------------|--|
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:berInfoText, tns:amMKPV-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKERF-NM-MAC_ID, tns:tx_ber, tns:tx_identam, tns:berProduktspezTeil |
| Children | tns:amAuftragsTyp, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:logTransaktionsTyp, tns:tx_ber, tns:tx_identam |
| Instance | <pre><tns:txalisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:berInfoText>{1,1}</tns:berInfoText> <tns:amMKPV-NM-MAC_ID>{1,1}</tns:amMKPV-NM-MAC_ID> <tns:amMKKVP-NM-MAC_ID>{1,1}</tns:amMKKVP-NM-MAC_ID> <tns:amMKERF-NM-MAC_ID>{1,1}</tns:amMKERF-NM-MAC_ID> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:tx_identam>{1,1}</tns:tx_identam> <tns:berProduktspezTeil>{1,1}</tns:berProduktspezTeil> </tns:txalisber></pre> |
| Source | <xs:element name="txalisber" type="tns:TXALISBER_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTDL_Type / tns:txrlisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXRLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Instance | <pre><tns:txrlisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionsTyp>{1,1}</tns:logTransaktionsTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txrlisber></pre> |
| Source | <xs:element name="txrlisber" type="tns:TXRLISBER_Type" /> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTDL_Type / tns:txelisber

| | |
|------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXELISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |

| | |
|-----------------|--|
| Children | tns:amAuftragsTyp, tns:logTransaktionenTyp, tns:tx_identam |
| Instance | <pre><tns:txelisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:logTransaktionenTyp>{1,1}</tns:logTransaktionenTyp> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:txelisber></pre> |
| Source | <code><xs:element name="txelisber" type="tns:TXELISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMTDL_Type / tns:txllisber

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:TXLLISBER_Type |
| Properties | content: complex |
| Model | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Children | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Instance | <pre><tns:txllisber xmlns:tns="http://vdv/ka/alise/2"> <tns:amAuftragsTyp>{1,1}</tns:amAuftragsTyp> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:txllisber></pre> |
| Source | <code><xs:element name="txllisber" type="tns:TXLLISBER_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:amKonfigurationTyp

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

Element tns:TXAMK_Type / tns:amTerminalGruppe_ID

| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:TerminalGruppe_ID_Type |
| Properties | content: complex |
| Model | tns:terminalGruppenNummer , tns:pv_ID |
| Children | tns:pv_ID, tns:terminalGruppenNummer |
| Instance | <pre><tns:amTerminalGruppe_ID xmlns:tns="http://vdv/ka/alise/2"> <tns:terminalGruppenNummer>{1,1}</tns:terminalGruppenNummer> <tns:pv_ID>{1,1}</tns:pv_ID> </tns:amTerminalGruppe_ID></pre> |
| Source | <code><xs:element name="amTerminalGruppe_ID" type="tns:TerminalGruppe_ID_Type"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:amTerminalGruppeBezeichnung

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | <pre> graph LR subgraph ElementBox [amTerminalGruppeBezeichnung] direction TB Type[Type] Content[ion:PrintableString] end ElementBox --- Ion[ion:PrintableString] </pre> |
| Type | tns:PrintableString |
| Properties | content: simple |
| Facets | pattern [-p] * |
| Source | <code><xs:element name="amTerminalGruppeBezeichnung" type="ion:PrintableString"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:amTerminalGruppeZusatzinfo

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | <pre> graph LR subgraph ElementBox [amTerminalGruppeZusatzinfo] direction TB Type[Type] Content[ion:PrintableString] end ElementBox --- Ion[ion:PrintableString] </pre> |
| Type | tns:PrintableString |
| Properties | content: simple |
| Facets | pattern [-p] * |
| Source | <code><xs:element name="amTerminalGruppeZusatzinfo" type="ion:PrintableString"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:amTerminalGruppeStatus

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | <pre> graph LR subgraph ElementBox [amTerminalGruppeStatus] direction TB Type[Type] Content[xs:boolean] end ElementBox --- Xs[xs:boolean] </pre> |
| Type | xs:boolean |
| Properties | content: simple |
| Source | <code><xs:element name="amTerminalGruppeStatus" type="xs:boolean"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:amTerminalGruppeTyp

| | |
|-----------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | <pre> graph LR subgraph ElementBox [amTerminalGruppeTyp] direction TB Type[Type] Content[ct:INT1] end ElementBox --- Ct[ct:INT1] </pre> |

| | |
|-----------------|---|
| Type | tns:INT1 |
| Properties | content: simple |
| Facets | <div>maxInclusive 255</div> <div>minInclusive 0</div> |
| Source | <code><xs:element name="amTerminalGruppeTyp" type="ct:INT1" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK_Type / tns:prodProdukt_ID

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

Element tns:TXAMK_Type / tns:amTerminal_ID

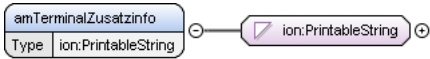
| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |
| Type | tns:Terminal_ID_Type |
| Properties | content: complex |
| Model | terminalTyp , terminalNummer , terminalOwner_ID |
| Children | terminalNummer, terminalOwner_ID, terminalTyp |
| Instance | <pre><tns:amTerminal_ID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

Element tns:TXAMK_Type / tns:amTerminalBezeichnung


| | |
|-----------|-----------------------|
| Namespace | http://vdv/ka/alise/2 |
| Diagram | |

| | |
|-----------------|---|
| Type | tns:PrintableString |
| Properties | content: simple |
| Facets | pattern [-p]* |
| Source | <code><xs:element name="amTerminalBezeichnung" type="ion:PrintableString"/></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |


Element tns:TXAMK_Type / tns:amTerminalZusatzinfo

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


Element tns:TXAMK_Type / tns:amProduktStatus

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

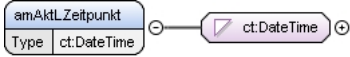
Element tns:TXAMK_Type / tns:amAktLStatus

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

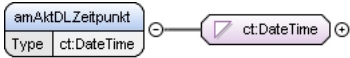
Element tns:TXAMK_Type / tns:amAktDLStatus

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

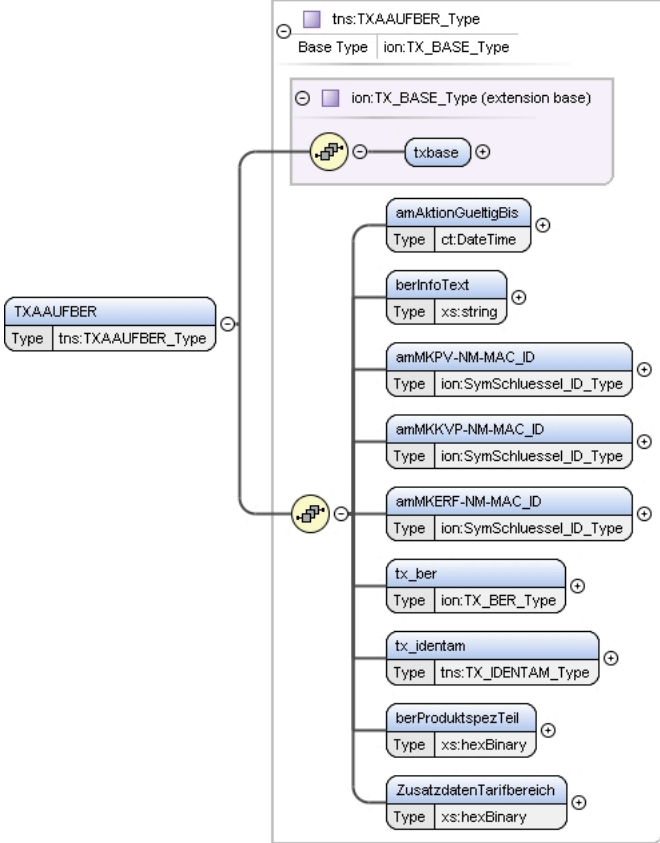
Element **tns:TXAMK_Type** / **tns:amAktLZeitpunkt**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amAktLZeitpunkt" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAMK_Type** / **tns:amAktDLZeitpunkt**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Diagram |  |
| Type | tns:DateTime |
| Properties | content: simple |
| Source | <code><xs:element name="amAktDLZeitpunkt" type="ct:DateTime" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element **tns:TXAAUFBER**

| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsauftrag Berechtigung |
| Diagram |  |
| Type | tns:TXAAUFBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAAUFBER_Type |

| | |
|-----------------|---|
| Properties | content: complex |
| Model | txbase , tns:amAktionGueltigBis , tns:berInfoText , tns:amMKPV-NM-MAC_ID , tns:amMKKVP-NM-MAC_ID , tns:amMKERF-NM-MAC_ID , tns:tx_ber , tns:tx_identam , tns:berProduktspezTeil , tns:ZusatzdatenTarifbereich |
| Children | tns:ZusatzdatenTarifbereich, tns:amAktionGueltigBis, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:tx_ber, tns:tx_identam, txbase |
| Instance | <pre><tns:TXAAUFBER xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:amAktionGueltigBis>{1,1}</tns:amAktionGueltigBis> <tns:berInfoText>{1,1}</tns:berInfoText> <tns:amMKPV-NM-MAC_ID>{1,1}</tns:amMKPV-NM-MAC_ID> <tns:amMKKVP-NM-MAC_ID>{1,1}</tns:amMKKVP-NM-MAC_ID> <tns:amMKERF-NM-MAC_ID>{1,1}</tns:amMKERF-NM-MAC_ID> <tns:tx_ber>{1,1}</tns:tx_ber> <tns:tx_identam>{1,1}</tns:tx_identam> <tns:berProduktspezTeil>{1,1}</tns:berProduktspezTeil> <tns:ZusatzdatenTarifbereich>{1,1}</tns:ZusatzdatenTarifbereich> </tns:TXAAUFBER></pre> |
| Source | <pre><xs:element name="TXAAUFBER" type="tns:TXAAUFBER_Type"> <xs:annotation> <xs:documentation>Element: Aktionsauftrag Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXEAUFBER

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsauftrag Entsperrung Berechtigung |
| Diagram | |
| Type | tns:TXEAUFBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEAUFBER_Type |
| Properties | content: complex |
| Model | txbase , tns:amAktionGueltigBis , tns:tx_identam |
| Children | tns:amAktionGueltigBis, tns:tx_identam, txbase |
| Instance | <pre><tns:TXEAUFBER xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:amAktionGueltigBis>{1,1}</tns:amAktionGueltigBis> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:TXEAUFBER></pre> |
| Source | <pre><xs:element name="TXEAUFBER" type="tns:TXEAUFBER_Type"> <xs:annotation> <xs:documentation>Element: Aktionsauftrag Entsperrung Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXRAUFBER

| | |
|-------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsauftrag Ruecknahme Berechtigung |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXRAUFBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRAUFBER_Type |
| Properties | content: complex |
| Model | txbase , tns:amAktionGueltigBis , tns:tx_identam |
| Children | tns:amAktionGueltigBis, tns:tx_identam, txbase |
| Instance | <pre><tns:TXRAUFBER xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:amAktionGueltigBis>{1,1}</tns:amAktionGueltigBis> <tns:tx_identam>{1,1}</tns:tx_identam> </tns:TXRAUFBER></pre> |
| Source | <pre><xs:element name="TXRAUFBER" type="tns:TXRAUFBER_Type"> <xs:annotation> <xs:documentation>Element: Aktionsauftrag Ruecknahme Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAFREIBER

| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsfreigabeauftrag Berechtigung |
| Diagram | |
| Type | tns:TXAFREIBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAFREIBER_Type |
| Properties | content: complex |
| Model | txbase , tns:berBerechtigung_ID , tns:berSynchronNummer |
| Children | tns:berBerechtigung_ID, tns:berSynchronNummer, txbase |
| Instance | <pre><tns:TXAFREIBER xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:TXAFREIBER></pre> |
| Source | <pre><xs:element name="TXAFREIBER" type="tns:TXAFREIBER_Type"> <xs:annotation></pre> |

| | |
|-----------------|---|
| | <pre><xs:documentation>Element: Aktionsfreigabeauftrag Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

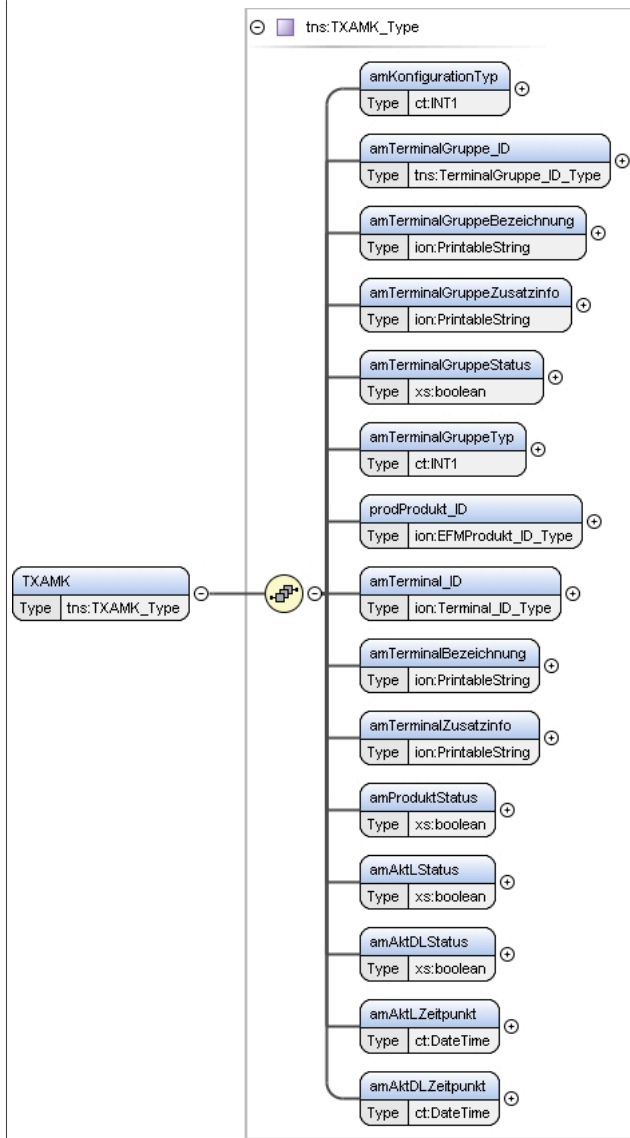
Element tns:TXAFREIMITBER

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsfreigabemitteilung Berechtigung |
| Diagram | |
| Type | tns:TXAFREIMITBER_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAFREIMITBER_Type |
| Properties | content: complex |
| Model | txbase , tns:berBerechtigung_ID , tns:berSynchronNummer |
| Children | tns:berBerechtigung_ID, tns:berSynchronNummer, txbase |
| Instance | <pre><tns:TXAFREIMITBER xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:berBerechtigung_ID>{1,1}</tns:berBerechtigung_ID> <tns:berSynchronNummer>{1,1}</tns:berSynchronNummer> </tns:TXAFREIMITBER></pre> |
| Source | <pre><xs:element name="TXAFREIMITBER" type="tns:TXAFREIMITBER_Type"> <xs:annotation> <xs:documentation>Element: Aktionsfreigabemitteilung Berechtigung</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMK

| | |
|-------------|------------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Konfiguration ALISE |

Diagram



| | |
|------------|--|
| Type | tns:TXAMK_Type |
| Properties | content: complex |
| Model | tns:amKonfigurationTyp, tns:amTerminalGruppe_ID, tns:amTerminalGruppeBezeichnung, tns:amTerminalGruppeZusatzinfo, tns:amTerminalGruppeStatus, tns:amTerminalGruppeTyp, tns:prodProdukt_ID, tns:amTerminal_ID, tns:amTerminalBezeichnung, tns:amTerminalZusatzinfo, tns:amProduktStatus, tns:amAktLStatus, tns:amAktDLStatus, tns:amAktLZeitpunkt, tns:amAktDLZeitpunkt |
| Children | tns:amAktDLStatus, tns:amAktDLZeitpunkt, tns:amAktLStatus, tns:amAktLZeitpunkt, tns:amKonfigurationTyp, tns:amProduktStatus, tns:amTerminalBezeichnung, tns:amTerminalGruppeBezeichnung, tns:amTerminalGruppeStatus, tns:amTerminalGruppeTyp, tns:amTerminalGruppeZusatzinfo, tns:amTerminalGruppe_ID, tns:amTerminalZusatzinfo, tns:amTerminal_ID, tns:prodProdukt_ID |
| Instance | <pre> <tns:TXAMK xmlns:tns="http://vdv/ka/alise/2"> <tns:amKonfigurationTyp>{1,1}</tns:amKonfigurationTyp> <tns:amTerminalGruppe_ID>{1,1}</tns:amTerminalGruppe_ID> <tns:amTerminalGruppeBezeichnung>{1,1}</tns:amTerminalGruppeBezeichnung> <tns:amTerminalGruppeZusatzinfo>{1,1}</tns:amTerminalGruppeZusatzinfo> <tns:amTerminalGruppeStatus>{1,1}</tns:amTerminalGruppeStatus> <tns:amTerminalGruppeTyp>{1,1}</tns:amTerminalGruppeTyp> <tns:prodProdukt_ID>{1,1}</tns:prodProdukt_ID> <tns:amTerminal_ID>{1,1}</tns:amTerminal_ID> <tns:amTerminalBezeichnung>{1,1}</tns:amTerminalBezeichnung> <tns:amTerminalZusatzinfo>{1,1}</tns:amTerminalZusatzinfo> <tns:amProduktStatus>{1,1}</tns:amProduktStatus> <tns:amAktLStatus>{1,1}</tns:amAktLStatus> <tns:amAktDLStatus>{1,1}</tns:amAktDLStatus> <tns:amAktLZeitpunkt>{1,1}</tns:amAktLZeitpunkt> <tns:amAktDLZeitpunkt>{1,1}</tns:amAktDLZeitpunkt> </tns:TXAMK> </pre> |

| | |
|-----------------|---|
| Source | <pre><xs:element name="TXAMK" type="tns:TXAMK_Type"> <xs:annotation> <xs:documentation>Element: Konfiguration ALISE</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXASAML

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Anfordern einer Aktionsliste (PVS) |
| Diagram | |
| Type | tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAML xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASAML></pre> |
| Source | <pre><xs:element name="TXASAML" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Anfordern einer Aktionsliste (PVS)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXASAMTL

| | |
|----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Anfordern einer Terminalaktionsliste (KVPS) |
| Diagram | |
| Type | tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |

| | |
|-----------------|--|
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAMTL xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASAMTL></pre> |
| Source | <pre><xs:element name="TXASAMTL" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Anfordern einer Terminalaktionsliste (KVPS)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXASAMDL

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Anfordern einer Differenz-Aktionsliste (PVS) |
| Diagram | |
| Type | tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAMDL xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASAMDL></pre> |
| Source | <pre><xs:element name="TXASAMDL" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Anfordern einer Differenz-Aktionsliste (PVS)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXASAMTDL

| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Anfordern einer Differenz-Terminalaktionsliste (KVPS) |
| Diagram | |

| | |
|-----------------|--|
| Type | tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp |
| Children | transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAMTDL xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> </tns:TXASAMTDL></pre> |
| Source | <pre><xs:element name="TXASAMTDL" type="ion:TXAS_Type"> <xs:annotation> <xs:documentation>Element: Anfordern einer Differenz-Terminalaktionsliste (KVPS)</ </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAML

| | |
|----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Aktionsliste als Antwort (PVS sendet an KVPS) |
| Diagram | |
| Type | tns:TXAML_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAML_Type |
| Properties | content: complex |
| Model | txbase , tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , (tns:txalisber tns:txrlisber tns:txelisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txelisber, tns:txrlisber, txbase |
| Instance | <pre><tns:TXAML xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:amListeSender_ID>{1,1}</tns:amListeSender_ID> <tns:amListeEmpfaenger_ID>{1,1}</tns:amListeEmpfaenger_ID></pre> |

| | |
|-----------------|--|
| | <pre> <tns:amListeNummer>{1,1}</tns:amListeNummer> <tns:amListeZeitstempel>{1,1}</tns:amListeZeitstempel> <tns:txalisber>{1,1}</tns:txalisber> <tns:txrlisber>{1,1}</tns:txrlisber> <tns:txelisber>{1,1}</tns:txelisber> </tns:TXAML> </pre> |
| Source | <pre> <xs:element name="TXAML" type="tns:TXAML_Type"> <xs:annotation> <xs:documentation>Element: Aktionsliste als Antwort (PVS sendet an KVPS)</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

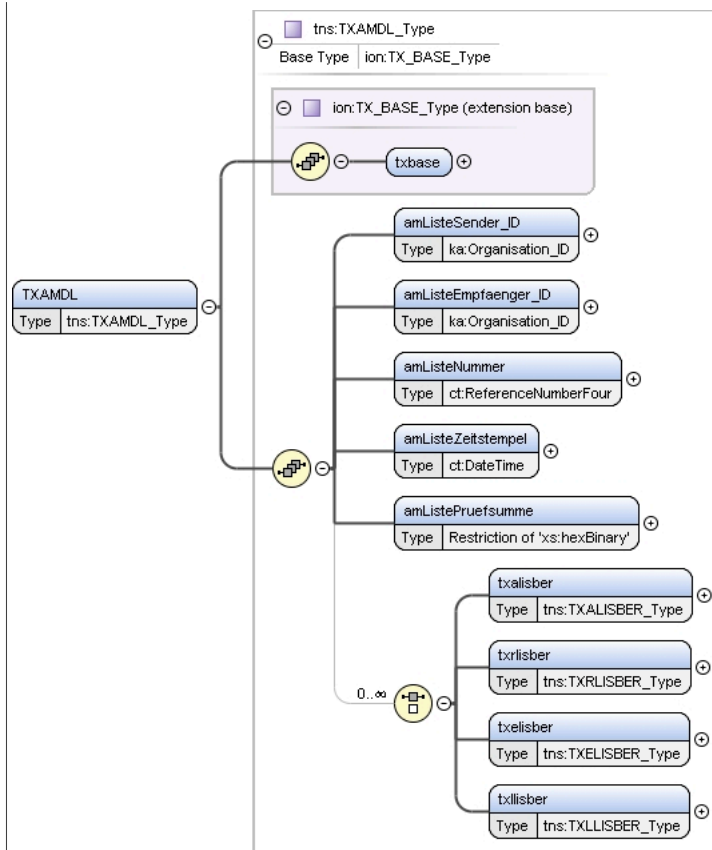
Element tns:TXAMTL

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Terminalaktionsliste als Antwort (KVPS) |
| Diagram | |
| Type | tns:TXAMTL_Type |
| Properties | content: complex |
| Model | tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , (tns:txalisber tns:txrlisber tns:txelisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txelisber, tns:txrlisber |
| Instance | <pre> <tns:TXAMTL xmlns:tns="http://vdv/ka/alise/2"> <tns:amListeSender_ID>{1,1}</tns:amListeSender_ID> <tns:amListeEmpfaenger_ID>{1,1}</tns:amListeEmpfaenger_ID> <tns:amListeNummer>{1,1}</tns:amListeNummer> <tns:amListeZeitstempel>{1,1}</tns:amListeZeitstempel> <tns:txalisber>{1,1}</tns:txalisber> <tns:txrlisber>{1,1}</tns:txrlisber> <tns:txelisber>{1,1}</tns:txelisber> </tns:TXAMTL> </pre> |
| Source | <pre> <xs:element name="TXAMTL" type="tns:TXAMTL_Type"> <xs:annotation> <xs:documentation>Element: Terminalaktionsliste als Antwort (KVPS)</xs:documentation> </xs:annotation> </xs:element> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAMDLE

| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Differenz-Aktionsliste als Antwort (PVS sendet an KVPS) |

Diagram



Type tns:TXAMD_L_Type

Type hierarchy

- tns:TX_BASE_Type
- tns:TXAMD_L_Type

Properties content: complex

Model txbase, tns:amListeSender_ID, tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeZeitstempel, tns:amListePruefsumme, (tns:txalisber | tns:txrlisber | tns:txelisber | tns:txllisber)

Children tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListePruefsumme, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txrlisber, tns:txelisber, tns:txllisber, txbase

Instance

```

<tns:TXAMD_L xmlns:tns="http://vdv/ka/alise/2">
  <txbase>{1,1}</txbase>
  <tns:amListeSender_ID>{1,1}</tns:amListeSender_ID>
  <tns:amListeEmpfaenger_ID>{1,1}</tns:amListeEmpfaenger_ID>
  <tns:amListeNummer>{1,1}</tns:amListeNummer>
  <tns:amListeZeitstempel>{1,1}</tns:amListeZeitstempel>
  <tns:amListePruefsumme>{1,1}</tns:amListePruefsumme>
  <tns:txalisber>{1,1}</tns:txalisber>
  <tns:txrlisber>{1,1}</tns:txrlisber>
  <tns:txelisber>{1,1}</tns:txelisber>
  <tns:txllisber>{1,1}</tns:txllisber>
</tns:TXAMD_L>

```

Source

```

<xs:element name="TXAMD_L" type="tns:TXAMD_L_Type">
  <xs:annotation>
    <xs:documentation>Element: Differenz-Aktionsliste als Antwort (PVS sendet an KVPS)</xs:documentation>
  </xs:annotation>
</xs:element>

```

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

Element tns:TXAMD_L

| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: Differenz-Terminalaktionsliste als Antwort (KVPS) |

| | |
|----------------------|--|
| Diagram | |
| Type | tns:TXAMTDL_Type |
| Properties | content: complex |
| Model | tns:amListeSender_ID, tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeZeitstempel, tns:amListePruefsumme, (tns:txalisber tns:txrlisber tns:txelisber tns:txllisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListePruefsumme, tns:amListeSender_ID, tns:amListeZeitstempel, tns:tx- alisber, tns:txelisber, tns:txllisber, tns:txrlisber |
| Instance | <pre><tns:TXAMTDL xmlns:tns="http://vdv/ka/alise/2"> <tns:amListeSender_ID>{1,1}</tns:amListeSender_ID> <tns:amListeEmpfaenger_ID>{1,1}</tns:amListeEmpfaenger_ID> <tns:amListeNummer>{1,1}</tns:amListeNummer> <tns:amListeZeitstempel>{1,1}</tns:amListeZeitstempel> <tns:amListePruefsumme>{1,1}</tns:amListePruefsumme> <tns:txalisber>{1,1}</tns:txalisber> <tns:txrlisber>{1,1}</tns:txrlisber> <tns:txelisber>{1,1}</tns:txelisber> <tns:txllisber>{1,1}</tns:txllisber> </tns:TXAMTDL></pre> |
| Source | <pre><xs:element name="TXAMTDL" type="tns:TXAMTDL_Type"> <xs:annotation> <xs:documentation>Element: Differenz-Terminalaktionsliste als Antwort (KVPS)</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema loca- tion | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ alise/2/XML-Schema_ALISE.xsd |

Element tns:TXASAINF

| | |
|-------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: ALISE Sendeaufforderung zur Applikationsinformation |

| | |
|-----------------|--|
| Diagram | |
| Type | tns:TXASAINF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAINF_Type |
| Properties | content: complex |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:transMediennummer , tns:transAppInstanz_ID |
| Children | tns:transAppInstanz_ID, tns:transMediennummer, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Instance | <pre><tns:TXASAINF xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <transSendeAuftrag>{1,1}</transSendeAuftrag> <transSendeAuftragstyp>{1,1}</transSendeAuftragstyp> <tns:transMediennummer>{1,1}</tns:transMediennummer> <tns:transAppInstanz_ID>{1,1}</tns:transAppInstanz_ID> </tns:TXASAINF></pre> |
| Source | <pre><xs:element name="TXASAINF" type="tns:TXASAINF_Type"> <xs:annotation> <xs:documentation>Element: ALISE Sendeaufforderung zur Applikationsinformation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Element tns:TXAINF

| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Element: ALISE Applikationsinformationen |
| Diagram | |
| Type | tns:TXAINF_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type |

| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:TXAINF_Type |
| Properties | content: complex |
| Model | txbase , tns:transMediennummer , tns:transAppInstanz_ID , tns:transAppGueltigkeitsende |
| Children | tns:transAppGueltigkeitsende, tns:transAppInstanz_ID, tns:transMediennummer, txbase |
| Instance | <pre><tns:TXAINF xmlns:tns="http://vdv/ka/alise/2"> <txbase>{1,1}</txbase> <tns:transMediennummer>{1,1}</tns:transMediennummer> <tns:transAppInstanz_ID>{1,1}</tns:transAppInstanz_ID> <tns:transAppGueltigkeitsende>{1,1}</tns:transAppGueltigkeitsende> </tns:TXAINF></pre> |
| Source | <pre><xs:element name="TXAINF" type="tns:TXAINF_Type"> <xs:annotation> <xs:documentation>Element: ALISE Applikationsinformationen</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type(s)

Complex Type tns:TerminalGruppe_ID_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Terminalgruppen Identification |
| Diagram | <pre> classDiagram class TerminalGruppe_ID_Type { terminalGruppenNummer ct:ReferenceNumberTwo pv_ID ka:Organisation_ID } </pre> |
| Used by | Elements tns:TXAMK_Type/tns:amTerminalGruppe_ID, tns:TX_IDENTAM_Type/tns:amTerminalGruppe_ID |
| Model | tns:terminalGruppenNummer , tns:pv_ID |
| Children | tns:pv_ID, tns:terminalGruppenNummer |
| Source | <pre><xs:complexType name="TerminalGruppe_ID_Type"> <xs:annotation> <xs:documentation>Typ: Terminalgruppen Identification</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="terminalGruppenNummer" type="ct:ReferenceNumberTwo" /> <xs:element name="pv_ID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TX_IDENTAM_Type

| | |
|-------------|------------------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsmanagement Information |

| | | |
|-----------------|---|--|
| Diagram | | |
| Used by | Elements | tns:TXAAUFBER_Type/tns:tx_identam, tns:TXALISBER_Type/tns:tx_identam, tns:TXEAUFBER_Type/tns:tx_identam, tns:TXELISBER_Type/tns:tx_identam, tns:TXRAUFBER_Type/tns:tx_identam, tns:TXRLISBER_Type/tns:tx_identam |
| Model | tns:amTerminalGruppe_ID , tns:amTerminal_ID , tns:amAenderungsreferenz_ID , tns:appInstanz_ID , tns:logTransaktionsOperator_ID , tns:berBerechtigung_ID , tns:prodProdukt_ID , tns:prodKeyOrganisation_ID , tns:berStatus , tns:berSynchronNummer | |
| Children | tns:amAenderungsreferenz_ID, tns:amTerminalGruppe_ID, tns:amTerminal_ID, tns:appInstanz_ID, tns:berBerechtigung_ID, tns:berStatus, tns:berSynchronNummer, tns:logTransaktionsOperator_ID, tns:prodKeyOrganisation_ID, tns:prodProdukt_ID | |
| Source | <pre> <xs:complexType name="TX_IDENTAM_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsmanagement Information</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amTerminalGruppe_ID" type="tns:TerminalGruppe_ID_Type"/> <xs:element name="amTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="amAenderungsreferenz_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="appInstanz_ID" type="ion:NmApplikationInstanz_ID_Type"/> <xs:element name="logTransaktionsOperator_ID" type="ka:Organisation_ID"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="prodKeyOrganisation_ID" type="ka:Organisation_ID"/> <xs:element name="berStatus" type="tns:WertobjektStatus_CODE_Type"/> <xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne"/> </xs:sequence> </xs:complexType> </pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | |

Complex Type tns:TXAAUFBER_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsauftrag Berechtigung ausgeben |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAAUFBER_Type |
| Used by | Element tns:TXAAUFBER |
| Model | txbase , tns:amAktionGueltigBis , tns:berInfoText , tns:amMKPV-NM-MAC_ID , tns:amMKKVP-NM-MAC_ID , tns:amMKERF-NM-MAC_ID , tns:tx_ber , tns:tx_identam , tns:berProduktspezTeil , tns:ZusatzdatenTarifbereich |
| Children | tns:ZusatzdatenTarifbereich, tns:amAktionGueltigBis, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:tx_ber, tns:tx_identam, txbase |
| Source | <pre> <xs:complexType name="TXAAUFBER_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsauftrag Berechtigung ausgeben</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="amAktionGueltigBis" type="ct:DateTime" /> <xs:element name="berInfoText" type="xs:string" /> <xs:element name="amMKPV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="amMKKVP-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="amMKERF-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="tx_ber" type="ion:TX_BER_Type" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> <xs:element name="berProduktspezTeil" type="xs:hexBinary" /> <xs:element name="ZusatzdatenTarifbereich" type="xs:hexBinary" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXEAUFBER_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsauftrag Entsperrung Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXEAUFBER_Type |
| Used by | Element tns:TXEAUFBER |
| Model | txbase , tns:amAktionGueltigBis , tns:tx_identam |
| Children | tns:amAktionGueltigBis, tns:tx_identam, txbase |
| Source | <pre> <xs:complexType name="TXEAUFBER_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsauftrag Entsperrung Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="amAktionGueltigBis" type="ct:DateTime" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXRAUFBER_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsauftrag Ruecknahme Berechtigung |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXRAUFBER_Type |
| Used by | Element tns:TXRAUFBER |
| Model | txbase , tns:amAktionGueltigBis , tns:tx_identam |
| Children | tns:amAktionGueltigBis, tns:tx_identam, txbase |
| Source | <pre> <xs:complexType name="TXRAUFBER_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsauftrag Ruecknahme Berechtigung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="amAktionGueltigBis" type="ct:DateTime" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

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

Complex Type **tns:TXAFREIBER_Type**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsfreigabeauftrag |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAFREIBER_Type |
| Used by | Element tns:TXAFREIBER |
| Model | txbase , tns:berBerechtigung_ID , tns:berSynchronNummer |
| Children | tns:berBerechtigung_ID, tns:berSynchronNummer, txbase |
| Source | <pre> <xs:complexType name="TXAFREIBER_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsfreigabeauftrag</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /> <xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type **tns:TXAFREIMITBER_Type**

| | |
|----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsfreigabemitteilung |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAFREIMITBER_Type |
| Used by | Element tns:TXAFREIMITBER |
| Model | txbase , tns:berBerechtigung_ID , tns:berSynchronNummer |
| Children | tns:berBerechtigung_ID, tns:berSynchronNummer, txbase |
| Source | <pre> <xs:complexType name="TXAFREIMITBER_Type"> <xs:annotation> </pre> |

| | |
|-----------------|--|
| | <pre> <xs:documentation>Typ: Aktionsfreigabemitteilung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type" /> <xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAINF_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: ALISE Applikationsinformationen |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAINF_Type |
| Used by | Element tns:TXAINF |
| Model | txbase , tns:transMediennummer , tns:transAppInstanz_ID , tns:transAppGueltigkeitsende |
| Children | tns:transAppGueltigkeitsende, tns:transAppInstanz_ID, tns:transMediennummer, txbase |
| Source | <pre> <xs:complexType name="TXAINF_Type"> <xs:annotation> <xs:documentation>Typ: ALISE Applikationsinformationen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="transMediennummer" type="ct:OctetString10" /> <xs:element name="transAppInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" /> <xs:element name="transAppGueltigkeitsende" type="ct:DateTime" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXASAINF_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: ALISE Applikationsinformationen Anforderung |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TXAS_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAS_Type tns:TXASAINF_Type |
| Used by | Element tns:TXASAINF |
| Model | txbase , transSendeAuftrag , transSendeAuftragstyp , tns:transMediennummer , tns:transAppInstanz_ID |
| Children | tns:transAppInstanz_ID, tns:transMediennummer, transSendeAuftrag, transSendeAuftragstyp, txbase |
| Source | <pre> <xs:complexType name="TXASAINF_Type"> <xs:annotation> <xs:documentation>Typ: ALISE Applikationsinformationen Anforderung</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TXAS_Type"> <xs:sequence> <xs:element name="transMediennummer" type="ct:OctetString10" nillable="true"/> <xs:element name="transAppInstanz_ID" type="ion:NmApplikationInstanz_ID_Type" nillable="true"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAML_Type

| | |
|-------------|-------------------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsliste (Vollliste) ALISE |

| | |
|-----------------|--|
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAML_Type |
| Used by | Element tns:TXAML |
| Model | txbase , tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , (tns:txalisber tns:txrlisber tns:txelisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txelisber, tns:txrlisber, txbase |
| Source | <pre> <xs:complexType name="TXAML_Type"> <xs:annotation> <xs:documentation>Typ: Aktionsliste (Vollliste) ALISE</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="amListeSender_ID" type="ka:Organisation_ID"/> <xs:element name="amListeEmpfaenger_ID" type="ka:Organisation_ID"/> <xs:element name="amListeNummer" type="ct:ReferenceNumberFour"/> <xs:element name="amListeZeitstempel" type="ct:DateTime"/> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="txalisber" type="tns:TXALISBER_Type"/> <xs:element name="txrlisber" type="tns:TXRLISBER_Type"/> <xs:element name="txelisber" type="tns:TXELISBER_Type"/> </xs:choice> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXALISBER_Type

| | |
|-------------|-------------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Ausgabe EFS-Berechtigung |

| | |
|-----------------|---|
| Diagram | |
| Used by | Elements tns:TXAMD_L_Type/tns:txalisber, tns:TXAML_Type/tns:txalisber, tns:TXAMTDL_Type/tns:txalisber, tns:TXAMTL_Type/tns:txalisber |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:berInfoText, tns:amMKPV-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKERF-NM-MAC_ID, tns:tx_ber, tns:tx_identam, tns:berProduktspezTeil |
| Children | tns:amAuftragsTyp, tns:amMKERF-NM-MAC_ID, tns:amMKKVP-NM-MAC_ID, tns:amMKPV-NM-MAC_ID, tns:berInfoText, tns:berProduktspezTeil, tns:logTransaktionsTyp, tns:tx_ber, tns:tx_identam |
| Source | <pre> <xs:complexType name="TXALISBER_Type"> <xs:annotation> <xs:documentation>Typ: Ausgabe EFS-Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amAuftragsTyp" type="ion:AuftragsTyp_CODE" /> <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE" /> <xs:element name="berInfoText" type="xs:string" /> <xs:element name="amMKPV-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="amMKKVP-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="amMKERF-NM-MAC_ID" type="ion:SymSchluessel_ID_Type" /> <xs:element name="tx_ber" type="ion:TX_BER_Type" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> <xs:element name="berProduktspezTeil" type="xs:hexBinary" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXRLISBER_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Rueckgabe EFS-Berechtigung |
| Diagram | |
| Used by | Elements tns:TXAMD_L_Type/tns:txrlisber, tns:TXAML_Type/tns:txrlisber, tns:TXAMTDL_Type/tns:txrlisber, tns:TXAMTL_Type/tns:txrlisber |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Source | <pre> <xs:complexType name="TXRLISBER_Type"> </pre> |

| | |
|-----------------|--|
| | <pre> <xs:annotation> <xs:documentation>Typ: Rueckgabe EFS-Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amAuftragsTyp" type="ion:AuftragsTyp_CODE" /> <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXELISBER_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Entsperrung EFS-Berechtigung |
| Diagram | |
| Used by | Elements tns:TXAMD_L_Type/tns:txelisber, tns:TXAML_Type/tns:txelisber, tns:TXAMTDL_Type/tns:txelisber, tns:TXAMTL_Type/tns:txelisber |
| Model | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Children | tns:amAuftragsTyp, tns:logTransaktionsTyp, tns:tx_identam |
| Source | <pre> <xs:complexType name="TXELISBER_Type"> <xs:annotation> <xs:documentation>Typ: Entsperrung EFS-Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amAuftragsTyp" type="ion:AuftragsTyp_CODE" /> <xs:element name="logTransaktionsTyp" type="ion:NmTransaktionsTyp_CODE" /> <xs:element name="tx_identam" type="tns:TX_IDENTAM_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAMTL_Type

| | |
|-------------|---------------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Terminalaktionsliste ALISE |
| Diagram | |
| Used by | Element tns:TXAMTL |

| | |
|-----------------|---|
| Model | tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , (tns:txalisber tns:txrlisber tns:txelisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txelisber, tns:txrlisber |
| Source | <pre> <xs:complexType name="TXAMTL_Type"> <xs:annotation> <xs:documentation>Typ: Terminalaktionsliste ALISE</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amListeSender_ID" type="ka:Organisation_ID"/> <xs:element name="amListeEmpfaenger_ID" type="ka:Organisation_ID"/> <xs:element name="amListeNummer" type="ct:ReferenceNumberFour"/> <xs:element name="amListeZeitstempel" type="ct:DateTime"/> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="txalisber" type="tns:TXALISBER_Type"/> <xs:element name="txrlisber" type="tns:TXRLISBER_Type"/> <xs:element name="txelisber" type="tns:TXELISBER_Type"/> </xs:choice> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAMDL_Type

| | |
|----------------|---|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Aktionsdifferenzliste ALISE |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TXAMDL_Type |
| Used by | Element tns:TXAMDL |
| Model | txbase , tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , tns:amListePruefsumme , (tns:txalisber tns:txrlisber tns:txelisber tns:txllisber) |
| Children | tns:amListeEmpfaenger_ID, tns:amListeNummer, tns:amListePruefsumme, tns:amListeSender_ID, tns:amListeZeitstempel, tns:txalisber, tns:txelisber, tns:txrlisber, txbase |
| Source | <pre> <xs:complexType name="TXAMDL_Type"> <xs:annotation> </pre> |

| | |
|-----------------|--|
| | <pre> <xs:documentation>Typ: Aktionsdifferenzliste ALISE</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="ion:TX_BASE_Type"> <xs:sequence> <xs:element name="amListeSender_ID" type="ka:Organisation_ID"/> <xs:element name="amListeEmpfaenger_ID" type="ka:Organisation_ID"/> <xs:element name="amListeNummer" type="ct:ReferenceNumberFour"/> <xs:element name="amListeZeitstempel" type="ct:DateTime"/> <xs:element name="amListePruefsumme" nillable="true"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="32" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="txalisber" type="tns:TXALISBER_Type"/> <xs:element name="txrlisber" type="tns:TXRLISBER_Type"/> <xs:element name="txelisber" type="tns:TXELISBER_Type"/> <xs:element name="txllisber" type="tns:TXLLISBER_Type"/> </xs:choice> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXLLISBER_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Loeschung des Aktionseintrags |
| Diagram | <pre> classDiagram class TXLLISBER_Type { amAuftragsTyp ion:AuftragsTyp_CODE berBerechtigung_ID ion:Berechtigung_ID_Type berSynchronNummer ct:ReferenceNumberOne } </pre> |
| Used by | Elements tns:TXAMDL_Type/tns:txllisber, tns:TXAMTDL_Type/tns:txllisber |
| Model | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Children | tns:amAuftragsTyp, tns:berBerechtigung_ID, tns:berSynchronNummer |
| Source | <pre> <xs:complexType name="TXLLISBER_Type"> <xs:annotation> <xs:documentation>Typ: Loeschung des Aktionseintrags</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amAuftragsTyp" type="ion:AuftragsTyp_CODE"/> <xs:element name="berBerechtigung_ID" type="ion:Berechtigung_ID_Type"/> <xs:element name="berSynchronNummer" type="ct:ReferenceNumberOne"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAMTDL_Type

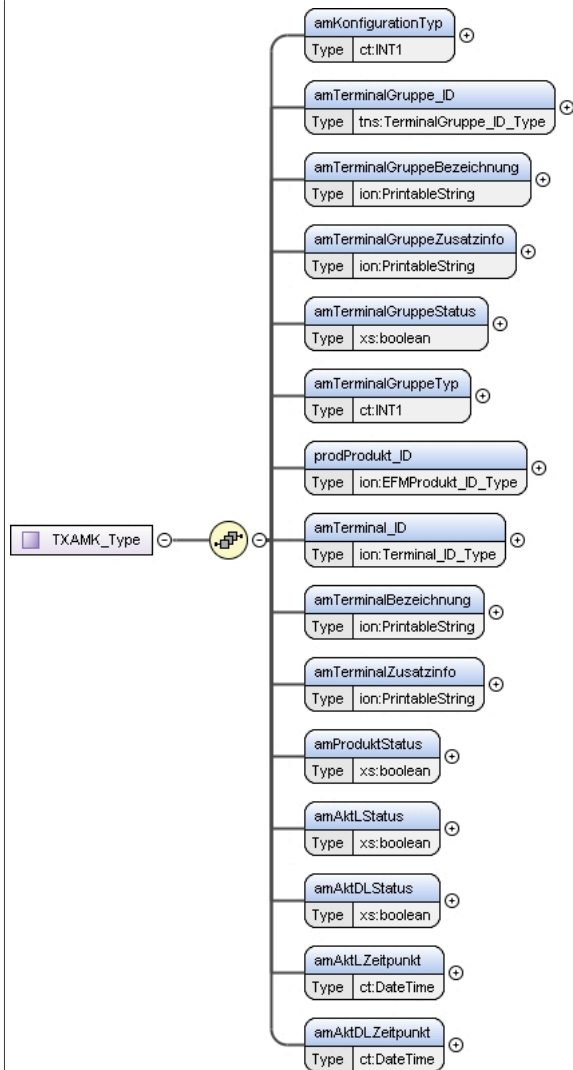
| | |
|-------------|--|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Terminalaktionsdifferenzliste ALISE |

| | |
|-----------------|---|
| Diagram | |
| Used by | Element tns:TXAMTDL |
| Model | tns:amListeSender_ID , tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListeZeitstempel , tns:amListePruefsumme , (tns:txalisber tns:txrlisber tns:txelisber tns:txllisber) |
| Children | tns:amListeEmpfaenger_ID , tns:amListeNummer , tns:amListePruefsumme , tns:amListeSender_ID , tns:amListeZeitstempel , tns:txalisber , tns:txelisber , tns:txllisber , tns:txrlisber |
| Source | <pre> <xs:complexType name="TXAMTDL_Type"> <xs:annotation> <xs:documentation>Typ: Terminalaktionsdifferenzliste ALISE</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amListeSender_ID" type="ka:Organisation_ID"/> <xs:element name="amListeEmpfaenger_ID" type="ka:Organisation_ID"/> <xs:element name="amListeNummer" type="ct:ReferenceNumberFour"/> <xs:element name="amListeZeitstempel" type="ct:DateTime"/> <xs:element name="amListePruefsumme" nillable="true"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="32" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:choice minOccurs="0" maxOccurs="unbounded"> <xs:element name="txalisber" type="tns:TXALISBER_Type"/> <xs:element name="txrlisber" type="tns:TXRLISBER_Type"/> <xs:element name="txelisber" type="tns:TXELISBER_Type"/> <xs:element name="txllisber" type="tns:TXLLISBER_Type"/> </xs:choice> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd |

Complex Type tns:TXAMK_Type

| | |
|-------------|--------------------------|
| Namespace | http://vdv/ka/alise/2 |
| Annotations | Typ: Konfiguration ALISE |

Diagram



| | |
|----------|---|
| Used by | Element tns:TXAMK |
| Model | tns:amKonfigurationTyp , tns:amTerminalGruppe_ID , tns:amTerminalGruppeBezeichnung , tns:amTerminalGruppeZusatzinfo , tns:amTerminalGruppeStatus , tns:amTerminalGruppeTyp , tns:prodProdukt_ID , tns:amTerminal_ID , tns:amTerminalBezeichnung , tns:amTerminalZusatzinfo , tns:amProduktStatus , tns:amAktLStatus , tns:amAktDLStatus , tns:amAktLZeitpunkt , tns:amAktDLZeitpunkt |
| Children | tns:amAktDLStatus, tns:amAktDLZeitpunkt, tns:amAktLStatus, tns:amAktLZeitpunkt, tns:amKonfigurationTyp, tns:amProduktStatus, tns:amTerminalBezeichnung, tns:amTerminalGruppeBezeichnung, tns:amTerminalGruppeStatus, tns:amTerminalGruppeTyp, tns:amTerminalGruppeZusatzinfo, tns:amTerminalGruppe_ID, tns:amTerminalZusatzinfo, tns:amTerminal_ID, tns:prodProdukt_ID |
| Source | <pre> <xs:complexType name="TXAMK_Type"> <xs:annotation> <xs:documentation>Typ: Konfiguration ALISE</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="amKonfigurationTyp" type="ct:INT1"/> <xs:element name="amTerminalGruppe_ID" type="tns:TerminalGruppe_ID_Type"/> <xs:element name="amTerminalGruppeBezeichnung" type="ion:PrintableString"/> <xs:element name="amTerminalGruppeZusatzinfo" type="ion:PrintableString"/> <xs:element name="amTerminalGruppeStatus" type="xs:boolean"/> <xs:element name="amTerminalGruppeTyp" type="ct:INT1"/> <xs:element name="prodProdukt_ID" type="ion:EFMProdukt_ID_Type"/> <xs:element name="amTerminal_ID" type="ion:Terminal_ID_Type"/> <xs:element name="amTerminalBezeichnung" type="ion:PrintableString"/> <xs:element name="amTerminalZusatzinfo" type="ion:PrintableString"/> <xs:element name="amProduktStatus" type="xs:boolean"/> <xs:element name="amAktLStatus" type="xs:boolean"/> <xs:element name="amAktDLStatus" type="xs:boolean"/> <xs:element name="amAktLZeitpunkt" type="ct:DateTime"/> <xs:element name="amAktDLZeitpunkt" type="ct:DateTime"/> </xs:sequence> </xs:complexType> </pre> |

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

Simple Type(s)

Simple Type `tns:WertobjektStatus_CODE_Type`

| | | | |
|-----------------|--|-----------------------------------|---|
| Namespace | http://vdv/ka/alise/2 | | |
| Annotations | BOM 6-65 Der WertobjektStatus_CODE beschreibt den Status eines Wertobjekts der Kernapplikation (APP, AFB, EFS) nach EN 1545 (ProductStatus) | | |
| 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:WertobjektStatus_CODE_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 7 | ausgegeben/entsperrt (EN 1545-1 o.k. (7)) |
| | enumeration | 19 | gesperrt (EN 1545-1 blocked (19)) |
| | enumeration | 5 | zurueckgenommen (EN 1545-1 canceled (5)) |
| Used by | Element | tns:TX_IDENTAM_Type/tns:berStatus | |
| Source | <pre><xs:simpleType name="WertobjektStatus_CODE_Type"> <xs:annotation> <xs:documentation>BOM 6-65 Der WertobjektStatus_CODE beschreibt den Status eines Wertobjekts der Kernapplikation (APP, AFB, EFS) nach EN 1545 (ProductStatus)</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="7"> <xs:annotation> <xs:documentation>ausgegeben/entsperrt (EN 1545-1 o.k. (7))</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="19"> <xs:annotation> <xs:documentation>gesperrt (EN 1545-1 blocked (19))</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="5"> <xs:annotation> <xs:documentation>zurueckgenommen (EN 1545-1 canceled (5))</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/alise/2/XML-Schema_ALISE.xsd | | |

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


Schema(s)

Imported schema XML-Schema_Common_Types.xsd


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

Simple Type(s)


Simple Type `tns:ReferenceNumberTwo`

| | | |
|-----------------|---|---|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | |
| Diagram |  | |
| Type | tns:INT2 | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo | |
| Facets | maxInclusive | 65535 |
| | minInclusive | 0 |
| Used by | Elements | tns:EFMProdukt_ID_Type/produktNummer, tns:SymSchluessel_ID_Type/schluesselInhaber_ID, tns:TerminalGruppe_ID_Type/tns:terminalGruppenNummer, tns:Terminal_ID_Type/terminalNummer |
| | Simple Type | tns:Organisation_ID |
| Source | <pre><xs:simpleType name="ReferenceNumberTwo"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von zwei Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT2"/> </xs:simpleType></pre> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type `tns:INT2`

| | | |
|-----------------|--|---|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Integer der den positiven Zahlenraum von zwei Bytes umfasst | |
| Diagram |  | |
| Type | restriction of xs:unsignedInt | |
| Facets | 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> | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | |

Simple Type `tns:INT1`

| | | |
|-------------|---|---|
| Namespace | http://vdv/ka/common/types/2 | |
| Annotations | Integer der den positiven Zahlenraum eines Bytes umfasst | |
| Diagram |  | |
| Type | restriction of xs:unsignedInt | |
| Facets | maxInclusive | 255 |
| | minInclusive | 0 |
| Used by | Simple Types | tns:Abrechnungsverfahren_CODE_Type, tns:AuftragsTyp_CODE, tns:Bezahlart_CODE_Type, tns:CommonServiceResultCode, tns:KommunikationsPartnerRolle, tns:NmTransaktionsTyp_CODE, |

| | |
|-----------------|---|
| | <p>tns:OrtsTyp_CODE_Type, tns:ReferenceNumberOne, tns:SequenceNumberOne, tns:StatusCode, tns:TerminalTyp_CODE_Type, tns:WertobjektStatus_CODE_Type</p> |
| Elements | <p>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:SymSchluessel_ID_Type/schluesselNummer, tns:SymSchluessel_ID_Type/schluesselVersion, tns:TXAMK_Type/tns:amKonfigurationTyp, tns:TXAMK_Type/tns:amTerminalGruppeTyp, 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> |
| Schema location | <p>file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd</p> |

Simple Type tns:ReferenceNumberFour


| | | | | | |
|-----------------|--|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | | | | |
| Diagram | <pre>graph LR ReferenceNumberFour -- restriction --> tns:INT4</pre> | | | | |
| Type | tns:INT4 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT4 tns:ReferenceNumberFour | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Used by | <p>Elements</p> <p>tns:Berechtigung_ID_Type/berechtigungNummer, tns:NmApplikationInstanz_ID_Type/NmAppInstanznummer, tns:TXAMDL_Type/tns:amListeNummer, tns:TXAML_Type/tns:amListeNummer, tns:TXAMTDL_Type/tns:amListeNummer, tns:TXAMTL_Type/tns:amListeNummer</p> | | | | |
| Source | <pre><xs:simpleType name="ReferenceNumberFour"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT4"/> </xs:simpleType></pre> | | | | |
| Schema location | <p>file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd</p> | | | | |

Simple Type tns:INT4


| | | | | | |
|--------------|---|--------------|------------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst | | | | |
| Diagram | <pre>graph LR INT4 -- restriction --> xs:unsignedInt</pre> | | | | |
| Type | restriction of xs:unsignedInt | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>4294967295</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 4294967295 | minInclusive | 0 |
| maxInclusive | 4294967295 | | | | |
| minInclusive | 0 | | | | |
| Used by | <p>Simple Types</p> <p>tns:ReferenceNumberFour, tns:SequenceNumberFour, tns:SperrlistenZyklusNummer_Type</p> | | | | |
| Source | <pre><xs:simpleType name="INT4"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von vier Bytes umfasst</xs:documentation> </xs:annotation> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="0"/> <xs:maxInclusive value="4294967295"/> </xs:restriction> </xs:simpleType></pre> | | | | |

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


Simple Type `tns:ReferenceNumberOne`

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

Simple Type `tns:SequenceNumberFour`

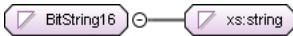
| | | | | | |
|-----------------|---|--------------|---|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von vier Bytes umfasst. Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT4 |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

Simple Type `tns:DateTime`

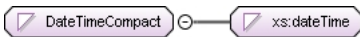
| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Datum mit Uhrzeit (nutzt den Standard) |
| Diagram |  |
| Type | xs:dateTime |

| | |
|-----------------|---|
| Used by | <p>Elements</p> <p>tns:ION_TX_HEADER_Type/transTransaktionsZeitpunkt, tns:TXAAUFBER_Type/tns:amAktionGueltigBis, tns:TXAINF_Type/tns:transAppGueltigkeitsende, tns:TXAMDL_Type/tns:amListeZeitstempel, tns:TXAMK_Type/tns:amAktDLZeitpunkt, tns:TXAMK_Type/tns:amAktLZeitpunkt, tns:TXAML_Type/tns:amListeZeitstempel, tns:TXAMTDL_Type/tns:amListeZeitstempel, tns:TXAM-TL_Type/tns:amListeZeitstempel, tns:TXEAUFBER_Type/tns:amAktionGueltigBis, tns:TXRAUFBER_Type/tns:amAktionGueltigBis</p> |
| Source | <pre><xs:simpleType name="DateTime"> <xs:annotation> <xs:documentation>Datum mit Uhrzeit (nutzt den Standard)</xs:documentation> </xs:annotation> <xs:restriction base="xs:dateTime"/> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

Simple Type tns:BitString16

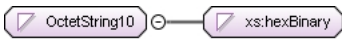
| | | | | | |
|-----------------|--|--------|----|---------|--|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | String mit Laenge von 16 Zeichen, die nur "0" oder "1" enthalten duerfen | | | | |
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table>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

Simple Type tns:DateTimeCompact

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

| | |
|-----------------|--|
| | <p>1990-01-01T00:00:00 entspricht "keiner Angabe". Der erste gueltige Wert ist 1990-01-02T00:00:02, da angenommen wird, dass DateTimeCompact sich aus DateCompact und TimeCompact (siehe BOM Spez.) zusammensetzt. Achtung: es wird lokale Zeit verwendet (keine Zeitzonen) um ungeltige Werte bei Abschneiden einer Zeitzoneinformation zu vermeiden!</xs:documentation></p> <pre></xs:annotation> <xs:restriction base="xs:dateTime"> <xs:minInclusive value="1990-01-01T00:00:00"/> <xs:maxInclusive value="2117-12-31T23:59:58"/> </xs:restriction> </xs:simpleType></pre> |
| Schema location | file:C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

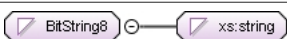
Simple Type tns:OctetString10

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

Simple Type tns:BitString1


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

Simple Type tns:BitString8

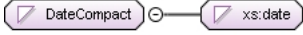
| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | String mit Laenge von 8 Zeichen, die nur "0" oder "1" enthalten duerfen |
| Diagram |  |
| Type | restriction of xs:string |
| Facets | length 8 |

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

Simple Type tns:date


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

Simple Type tns:DateCompact


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

Simple Type tns:Datef

| | |
|-------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | <p>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.</p> |

| | | | | | |
|-----------------|--|--------|---|---------|--|
| Diagram |  | | | | |
| Type | restriction of xs:string | | | | |
| Facets | <table> <tr> <td>length</td><td>8</td></tr> <tr> <td>pattern</td><td>[0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9]</td></tr> </table> | length | 8 | pattern | [0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9] |
| length | 8 | | | | |
| pattern | [0-9][0-9][0-9][0-9][0-1] [0-9][0-3][0-9] | | | | |
| Source | <pre><xs:simpleType name="Datef"> <xs:annotation> <xs:documentation>BCD codierte Darstellung eines Datums als "Hexstring" in der Form yyyymmdd. "00000000" ist fuer "keine Angabe". Die Einschraenkung von 00010101 bis 99991231 wie in der BOM gefordert wird ueber das Pattern abgebildet.</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8" fixed="true"/> <xs:pattern value="[0-9][0-9][0-9][0-9][0-1][0-9][0-3][0-9]"/> </xs:restriction> </xs:simpleType></pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd | | | | |

Simple Type tns:INT3

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

Simple Type tns:OctetString1

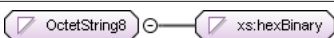
| | | | |
|-----------------|--|--------|---|
| Namespace | http://vdv/ka/common/types/2 | | |
| Annotations | Hexstring mit einer maximalen Laenge von 1 Byte (2 Zeichen) | | |
| Diagram |  | | |
| Type | restriction of xs:hexBinary | | |
| Facets | <table> <tr> <td>length</td><td>1</td></tr> </table>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

Simple Type tns:OctetString4

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 4 Byte (8 Zeichen) |

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


Simple Type tns:OctetString8

| | |
|-----------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 8 Byte (16 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | 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 Byte (16 Zeichen)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="8" fixed="true"/> </xs:restriction> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/types/2/XML-Schema_Common_Types.xsd |

Simple Type tns:OctetString12

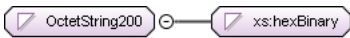
| | |
|-----------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 12 Byte (24 Zeichen) |
| Diagram |  |
| Type | restriction of xs:hexBinary |
| Facets | length 12 |
| Used by | Element tns:ASymSchluessel_ID_Type/signaturSchluessel |
|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

Simple Type tns:OctetString128


| | |
|-------------|---|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Hexstring mit einer maximalen Laenge von 128 Byte (256 Zeichen) |
| Diagram |  |

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

Simple Type tns:OctetString200

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

Simple Type tns:ReferenceNumberThree


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

Simple Type tns:SequenceNumberOne


| | |
|-------------|--|
| Namespace | http://vdv/ka/common/types/2 |
| Annotations | Integer der den positiven Zahlenraum von einem Byte umfasst Fachlich eine aufsteigende Sequenznummer. |

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

Simple Type tns:SequenceNumberTwo

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

Simple Type tns:SequenceNumberThree

| | | | | | |
|----------------|--|--------------|----------|--------------|---|
| Namespace | http://vdv/ka/common/types/2 | | | | |
| Annotations | Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer. | | | | |
| Diagram |  | | | | |
| Type | tns:INT3 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:SequenceNumberThree | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>16777215</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <pre><xs:simpleType name="SequenceNumberThree"> <xs:annotation> <xs:documentation>Integer der den positiven Zahlenraum von drei Bytes umfasst Fachlich eine aufsteigende Sequenznummer.</xs:documentation> </xs:annotation> <xs:restriction base="tns:INT3"/> </xs:simpleType></pre> | | | | |

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

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

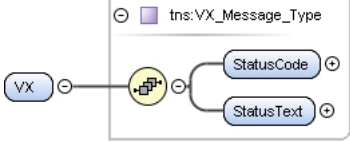
Schema(s)

Imported schema XML-Schema_KA_Common.xsd

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


Element(s)

Element tns:VX

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

Simple Type(s)

Simple Type tns:Organisation_ID

| | |
|----------------|--|
| Namespace | http://vdv/ka/common/2 |
| Annotations | Type: Eindeutiger Identifier einer Organisation |
| Diagram |  |
| Type | tns:ReferenceNumberTwo |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT2 tns:ReferenceNumberTwo |

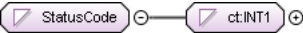
| | |
|-----------------|---|
| | <ul style="list-style-type: none"> • tns:Organisation_ID |
| Facets | maxInclusive 65535 |
| | minInclusive 0 |
| Used by | Elements tns:Berechtigung_ID_Type/kvp_ID, tns:EFMProdukt_ID_Type/organisationID, tns:IONTransaktion_ID_Type/transSender_ID, tns:ION_TX_HEADER_Type/transEmpfaenger_ID, tns:NmApplikationInstanz_ID_Type/kvp_ID, tns:Ort_ID_Type/ortDomaene_ID, tns:TXAMDL_Type/tns:amListeEmpfaenger_ID, tns:TXAMDL_Type/tns:amListeSender_ID, tns:TXAML_Type/tns:amListeEmpfaenger_ID, tns:TXAML_Type/tns:amListeSender_ID, tns:TXAMTDL_Type/tns:amListeEmpfaenger_ID, tns:TXAMTDL_Type/tns:amListeSender_ID, tns:TXAMTL_Type/tns:amListeEmpfaenger_ID, tns:TXAMTL_Type/tns:amListeSender_ID, tns:TXSNAWA_Req_Type/orgSperrkandidat, tns:TXSNAWB_Req_Type/orgSperrkandidat, tns:TX_IDENTAM_Type/tns:logTransaktionsOperator_ID, tns:TX_IDENTAM_Type/tns:prodKeyOrganisation_ID, tns:TerminalGruppe_ID_Type/tns:pv_ID, tns:Terminal_ID_Type/terminalOwner_ID |
| Source | <pre> <xs:simpleType name="Organisation_ID"> <xs:annotation> <xs:documentation>Type: Eindeutiger Identifier einer Organisation</xs:documentation> </xs:annotation> <xs:restriction base="ct:ReferenceNumberTwo"/> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |

Simple Type tns:KommunikationsParterRolle

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

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

Simple Type `tns:StatusCode`

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

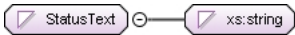

```

</xs:annotation>
<xs:restriction base="ct:INT1">
  <xs:enumeration value="0">
    <xs:annotation>
      <xs:documentation>Die Nachricht wurde erfolgreich entgegengenommen und alle notwendigen
Informationen zur Weiterleitung liegen vor.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="1">
    <xs:annotation>
      <xs:documentation>Ungueltige Nachricht. Die Sender ID oder die Routing Information kann
nicht aus dem SOAP Header extrahiert werden.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="2">
    <xs:annotation>
      <xs:documentation>Ungleiche Sender ID. Die Sender ID, die im SOAP Header uebertragen
wurde passt nicht zu der Sender ID, die in der VM zum Zertifikat des Senders hinterlegt wurde.</
xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="3">
    <xs:annotation>
      <xs:documentation>Unbekannter oder gesperrter Empfaenger oder zu den Routing Informationen
ist in der VM keine technische Empfaengeradresse hinterlegt.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="4">
    <xs:annotation>
      <xs:documentation>Verbindungsproblem zum Empfaenger. Es konnte keine Verbindung zum
Empfaenger aufgebaut werden.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="5">
    <xs:annotation>
      <xs:documentation>Timeout. Der Empfaenger antwortet nicht in einer vorgegebenen Zeit.</
xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="6">
    <xs:annotation>
      <xs:documentation>Die asynchrone Nachricht kann nicht zwischengespeichert werden.</
xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="7">
    <xs:annotation>
      <xs:documentation>Die Organisations-ID des Senders ist gesperrt oder der Vermittlungsstelle
nicht bekannt.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
  <xs:enumeration value="255">
    <xs:annotation>
      <xs:documentation>Technisches Problem. Es liegt ein technisches Problem vor. Die Nachricht
konnte nicht erfolgreich entgegengenommen werden.</xs:documentation>
    </xs:annotation>
  </xs:enumeration>
</xs:restriction>
</xs:simpleType>

```

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

Simple Type tns:StatusText

| | |
|-------------|---|
| Namespace | http://vdv/ka/common/2 |
| 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> </pre> |

| | |
|-----------------|--|
| | <pre><xs:restriction base="xs:string"> <xs:maxLength value="255"/> </xs:restriction> </xs:simpleType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/common/2/XML-Schema_KA_Common.xsd |

Complex Type(s)

Complex Type `tns:VX_Message_Type`

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

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

Schema(s)

Imported schema `XML-Schema_ION.xsd`

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

Element(s)

Element `tns:TXB`

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

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

Element tns:TXA

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

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

Element tns:TXBRequest

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

Element tns:TXARequest

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

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

Element tns:TXDEABER

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

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

Element tns:TXSMITA

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

Element tns:TXSFREIMITA

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

| | |
|-----------------|---|
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXSFREIMITA_Type</code>. It is a complex type that extends <code>tns:TXSMITA_Type</code> (extension base). <code>tns:TXSMITA_Type</code> extends <code>tns:TX_SMIT_Type</code> (extension base). <code>tns:TX_SMIT_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three child elements: <code>txbase</code>, <code>sperrAnforderungBezug</code>, and <code>sperrEntscheidung</code>. The <code>tns:TXSFREIMITA_Type</code> contains three child elements: <code>txbase</code>, <code>sperrAnforderungBezug</code>, and <code>appSperrkandidat</code>.</p> |
| Type | <code>tns:TXSFREIMITA_Type</code> |
| Type hierarchy | <ul style="list-style-type: none"> • <code>tns:TX_BASE_Type</code> • <code>tns:TX_SMIT_Type</code> • <code>tns:TXSMITA_Type</code> • <code>tns:TXSFREIMITA_Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>sperrAnforderungBezug</code> , <code>sperrEntscheidung</code> , <code>appSperrkandidat</code> |
| Children | <code>appSperrkandidat</code> , <code>sperrAnforderungBezug</code> , <code>sperrEntscheidung</code> , <code>txbase</code> |
| Instance | <pre><tns:TXSFREIMITA xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrAnforderungBezug>{1,1}</sperrAnforderungBezug> <sperrEntscheidung>{1,1}</sperrEntscheidung> <appSperrkandidat>{1,1}</appSperrkandidat> </tns:TXSFREIMITA></pre> |
| Source | <pre><xs:element name="TXSFREIMITA" type="tns:TXSFREIMITA_Type"> <xs:annotation> <xs:documentation>Element: Sperrfreigabemitteilung Applikation</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element `tns:TXSANFSYMK`

| | |
|----------------|--|
| Namespace | <code>http://vdv/ka/ion/2</code> |
| Annotations | Element: Sperranforderung fuer einen symmetrischen Schluessel |
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXSANFSYMK_Type</code>. It is a complex type that extends <code>tns:TX_SANF_Type</code> (extension base). <code>tns:TX_SANF_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three child elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>. The <code>tns:TXSANFSYMK_Type</code> contains three child elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>.</p> |
| Type | <code>tns:TXSANFSYMK_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> |

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

Element tns:TXSANFASYMK

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

Element tns:TXSAANFSYMK

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

| | |
|-----------------|--|
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXSAANFSYMK_Type</code>. It is a complex type that extends <code>tns:TXSANFSYMK_Type</code> (extension base). <code>tns:TXSANFSYMK_Type</code> extends <code>tns:TX_SANF_Type</code> (extension base). <code>tns:TX_SANF_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three content elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>. The <code>tns:TXSAANFSYMK_Type</code> contains three content elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>.</p> |
| Type | <code>tns:TXSAANFSYMK_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> <code>tns:TXSAANFSYMK_Type</code> |
| Properties | content: complex |
| Model | <code>txbase</code> , <code>sperrSperrgrund</code> , <code>keySperrkandidatsym</code> |
| Children | <code>keySperrkandidatsym</code> , <code>sperrSperrgrund</code> , <code>txbase</code> |
| Instance | <pre><tns:TXSAANFSYMK xmlns:tns="http://vdv/ka/ion/2"> <txbase>{1,1}</txbase> <sperrSperrgrund>{1,1}</sperrSperrgrund> <keySperrkandidatsym>{1,1}</keySperrkandidatsym> </tns:TXSAANFSYMK></pre> |
| Source | <pre><xs:element name="TXSAANFSYMK" type="tns:TXSAANFSYMK_Type"> <xs:annotation> <xs:documentation>Element: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</xs:documentation> </xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element `tns:TXSAANFASYMK`

| | |
|----------------|--|
| Namespace | <code>http://vdv/ka/ion/2</code> |
| Annotations | Element: Sperraufhebungsanforderung fuer einen asymmetrischen Schluessel |
| Diagram | <p>The diagram illustrates the structure of the <code>tns:TXSAANFASYMK_Type</code>. It is a complex type that extends <code>tns:TXSANFASYMK_Type</code> (extension base). <code>tns:TXSANFASYMK_Type</code> extends <code>tns:TX_SANF_Type</code> (extension base). <code>tns:TX_SANF_Type</code> extends <code>tns:TX_BASE_Type</code> (extension base). The <code>tns:TX_BASE_Type</code> contains three content elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>. The <code>tns:TXSAANFASYMK_Type</code> contains three content elements: <code>txbase</code>, <code>sperrSperrgrund</code>, and <code>keySperrkandidatsym</code>.</p> |
| Type | <code>tns:TXSAANFASYMK_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> <code>tns:TXSAANFASYMK_Type</code> |

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

Element tns:TXSFREIMITSYMK

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

Element tns:TXSFREIMITASYMK

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

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

Element tns:TXSMITSYMK

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

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

Element tns:TXSMITASYMK

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

Element tns:TXSNAWA

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

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

Element tns:TXSNAWB

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

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

Complex Type(s)

Complex Type tns:Terminal_ID_Type

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

Complex Type tns:Berechtigung_ID_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: ID einer Berechtigung |
| Diagram | |
| Used by | Elements tns:TXAFREIBER_Type/tns:berBerechtigung_ID, tns:TXAFREIMITBER_Type/tns:berBerechtigung_ID, tns:TXLLISBER_Type/tns:berBerechtigung_ID, tns:TX_IDENTAM_Type/tns:amAenderungreferenz_ID, tns:TX_IDENTAM_Type/tns:berBerechtigung_ID |
| Model | berechtigungNummer , kvp_ID |
| Children | berechtigungNummer, kvp_ID |
| Source | <pre><xs:complexType name="Berechtigung_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID einer Berechtigung</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berechtigungNummer" type="ct:ReferenceNumberFour"/> <xs:element name="kvp_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType></pre> |

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

Complex Type **tns:NmApplikationInstanz_ID_Type**

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: ID einer Applikationsinstanz auf dem Nutzermedium |
| Diagram | |
| Used by | Elements tns:TXAINF_Type/tns:transAppInstanz_ID, tns:TXASAINF_Type/tns:transAppInstanz_ID, tns:TXSMITA_Type/appSperrkandidat, tns:TX_IDENTAM_Type/tns:appInstanz_ID |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Source | <pre><xs:complexType name="NmApplikationInstanz_ID_Type"> <xs:annotation> <xs:documentation>Typ: ID einer Applikationsinstanz auf dem Nutzermedium</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="NmAppInstanznummer" type="ct:ReferenceNumberFour" /> <xs:element name="kvp_ID" type="ka:Organisation_ID" /> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type **tns:EFMPProdukt_ID_Type**

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

Complex Type **tns:TX_BASE_Type**

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Basisdaten fuer alle Transaktionen |
| Diagram | |
| Used by | Complex Types tns:TXAAUFBER_Type, tns:TXAFREIBER_Type, tns:TXAFREIMITBER_Type, tns:TXAINF_Type, tns:TXAMDL_Type, tns:TXAML_Type, tns:TXAS_Type, tns:TXDEABER_Req_Type, tns:TX-EAUFBER_Type, tns:TXRAUFBER_Type, tns:TXSNAWA_Req_Type, tns:TXSNAWB_Req_Type, tns:TX_RET_Type, tns:TX_SANF_Type, tns:TX_SMIT_Type |

| | |
|-----------------|--|
| Model | txbase |
| Children | txbase |
| Source | <pre> <xs:complexType name="TX_BASE_Type"> <xs:annotation> <xs:documentation>Basisdaten fuer alle Transaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="txbase" type="tns:ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Fachliche Daten ueber die in der Transaktion involvierten Systeme</ </xs:annotation> </xs:element> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:ION_TX_HEADER_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen |
| Diagram | |
| Used by | Element tns:TX_BASE_Type/txbase |
| Model | transAuftrag{0,1} , transEmpfaenger_ID , transEmpfaengerRolle , transStatus{0,1} , transTransaktion_ID , transTransaktionsTyp{0,1} , transTransaktionsZeitpunkt , transVersion{0,1} , transWiederholungsZaehler{0,1} , transSignaturTyp{0,1} , transSignaturZertifikat{0,1} , transSignatur{0,1} |
| Children | transAuftrag, transEmpfaengerRolle, transEmpfaenger_ID, transSignatur, transSignaturTyp, transSignaturZertifikat, transStatus, transTransaktion_ID, transTransaktionsTyp, transTransaktionsZeitpunkt, transVersion, transWiederholungsZaehler |
| Source | <pre> <xs:complexType name="ION_TX_HEADER_Type"> <xs:annotation> <xs:documentation>Routing relevante Daten des Nachrichtenkopfs von VDV KA Transaktionen</ </xs:annotation> <xs:sequence> <xs:element name="transAuftrag" type="xs:string" minOccurs="0" maxOccurs="1"/> <xs:element name="transEmpfaenger_ID" type="ka:Organisation_ID"> <xs:annotation> <xs:documentation>Eindeutige OrganisationsId des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transEmpfaengerRolle" type="ka:KommunikationsParterRolle"> <xs:annotation> <xs:documentation>Rolle des Nachrichtenempfaengers</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transStatus" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transTransaktion_ID" type="tns:IONTransaktion_ID_Type"/> <xs:element name="transTransaktionsTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transTransaktionsZeitpunkt" type="ct:DateTime"> <xs:annotation> </pre> |

| | |
|-----------------|--|
| | <pre> <xs:documentation>Zeitpunkt der Dienstanfrage gemaess den Angaben der Dienstaufbauers. Achtung: Aufgrund von potentiell unsynchronisierten, lokalen Uhren der Kommunikationspartnern ist moeglicherweise die Aussagekraft dieses Feldes sehr gering.</xs:documentation> </xs:annotation> </xs:element> <xs:element name="transVersion" type="ct:BitString16" minOccurs="0" maxOccurs="1"/> <xs:element name="transWiederholungsZaehler" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transSignaturTyp" type="ct:INT1" minOccurs="0" maxOccurs="1"/> <xs:element name="transSignaturZertifikat" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:hexBinary"> <xs:length value="378" fixed="true"/> </xs:restriction> </xs:simpleType> </xs:element> <xs:element name="transSignatur" minOccurs="0" maxOccurs="1" type="tns:TransSignatur_Type"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:IONTransaktion_ID_Type

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

Complex Type tns:SymSchluessel_ID_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Schluessel ID |
| Diagram | <pre> classDiagram class SymSchluessel_ID_Type { schluesselNummer schluesselVersion schluesselInhaber_ID } </pre> |
| Used by | <p>Elements</p> <p>tns:TXAAUFBER_Type/tns:amMKERF-NM-MAC_ID, tns:TXAAUFBER_Type/tns:amMKKVP-NM-MAC_ID, tns:TXAAUFBER_Type/tns:amMKPV-NM-MAC_ID, tns:TXALISBER_Type/tns:amMKERF-NM-MAC_ID, tns:TXALISBER_Type/tns:amMKKVP-NM-MAC_ID, tns:TX-</p> |

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

Complex Type tns:TX_BER_Type

| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Berechtigungstransaktionen |
| Diagram | |
| Used by | Elements tns:TXAAUFBER_Type/tns:tx_ber, tns:TXALISBER_Type/tns:tx_ber |
| Model | berGueltigkeitsbeginn , berGueltigkeitsende , prodAbrechnungsVerfahren , berBezahlArt , berBezahlMittel |
| Children | berBezahlArt, berBezahlMittel, berGueltigkeitsbeginn, berGueltigkeitsende, prodAbrechnungsVerfahren |
| Source | <pre><xs:complexType name="TX_BER_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Berechtigungstransaktionen</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="berGueltigkeitsbeginn" type="ct:DateTimeCompact"/> <xs:element name="berGueltigkeitsende" type="ct:DateTimeCompact"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="prodAbrechnungsVerfahren" type="tns:Abrechnungsverfahren_CODE_Type"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="berBezahlArt" type="tns:Bezahlart_CODE_Type"/> <xs:element name="berBezahlMittel" type="ct:OctetString10"/> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXAS_Type

| | |
|-------------|-------------------------------|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Aufforderung zum Senden |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |

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

Complex Type tns:Ort_ID_Type

| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Datenstruktur Ort_ID |
| Diagram | |
| Model | ortTyp , ortNummer , ortDomaene_ID |
| Children | ortDomaene_ID, ortNummer, ortTyp |
| Source | <pre> <xs:complexType name="Ort_ID_Type"> <xs:annotation> <xs:documentation>Typ: Datenstruktur Ort_ID</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="ortTyp" type="tns:OrtsTyp_CODE_Type"/> <xs:element name="ortNummer" type="ct:ReferenceNumberThree"/> <!-- Wilk Hoffmann: korrigiert --> <xs:element name="ortDomaene_ID" type="ka:Organisation_ID"/> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:Transaktionsdatensatz_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Transaktionsdatensatz |
| Diagram | |
| Used by | Elements tns:TXSNAWA_Req_Type/sperrtransaktionApplikation, tns:TXSNAWB_Req_Type/sperrtransaktion-Berechtigung |
| Model | Transaktionsdaten |
| Children | Transaktionsdaten |

| | |
|-----------------|---|
| Source | <pre><xs:complexType name="Transaktionsdatensatz_Type"> <xs:annotation> <xs:documentation>Typ: Transaktionsdatensatz</xs:documentation> </xs:annotation> <xs:sequence> <xs:element name="Transaktionsdaten" type="xs:hexBinary" /> </xs:sequence> </xs:complexType></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:ASymSchluessel_ID_Type

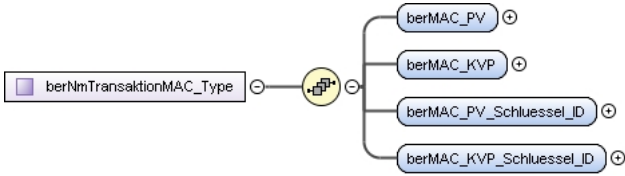
| | |
|-----------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Type: Identifizierungsmerkmal, das den Schluessel eindeutig bestimmt. |
| Diagram | |
| Used by | Elements tns:TXSANFASYMK_Type/keySperrkandidatasym, tns:TXSFREIMITASYMK_Type/keySperrkandidatasym, tns:TXSMITASYMK_Type/keySperrkandidatasym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

Complex Type tns:appNmTransaktionMAC_Type

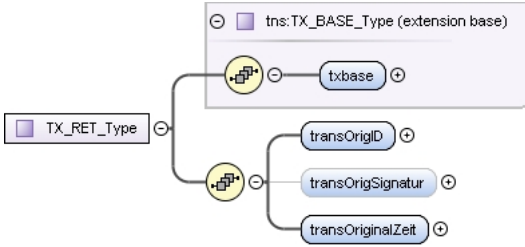
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Type: MAC-Sicherung fuer Applikations-Transaktionen |
| Diagram | |
| Used by | Element tns:TXSNAWA_Req_Type/appNmTransaktionMAC |
| Model | appMAC_AH , appMAC_KVP , appMAC_AH_Schluessel_ID , appMAC_KVP_Schluessel_ID |
| Children | appMAC_AH, appMAC_AH_Schluessel_ID, appMAC_KVP, appMAC_KVP_Schluessel_ID |
| Source | <pre><xs:complexType name="appNmTransaktionMAC_Type"> <xs:annotation> <xs:documentation>Type: 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> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:berNmTransaktionMAC_Type

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

| | |
|-----------------|--|
| Diagram |  |
| Used by | Element tns:TXSNAWB_Req_Type/berNmTransaktionMAC |
| Model | berMAC_PV , berMAC_KVP , berMAC_PV_Schluesel_ID , berMAC_KVP_Schluesel_ID |
| Children | berMAC_KVP, berMAC_KVP_Schluesel_ID, berMAC_PV, berMAC_PV_Schluesel_ID |
| 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_Schluesel_ID" type="tns:SymSchluesel_ID_Type" /> <xs:element name="berMAC_KVP_Schluesel_ID" type="tns:SymSchluesel_ID_Type" /> </xs:sequence> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TX_RET_Type

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

Complex Type tns:TX_SMIT_Type

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

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

Complex Type tns:TX_SANF_Type

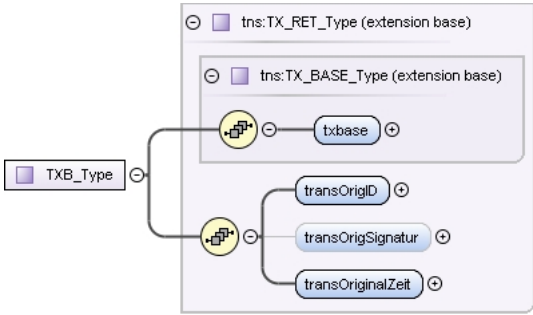
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Basisdaten fuer Sperranforderungen |
| Diagram | |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type |
| Used by | Complex Types tns:TXSANFASYMK_Type, tns:TXSANFSYMK_Type |
| Model | txbase , sperrSperrgrund |
| Children | sperrSperrgrund, txbase |
| Source | <pre> <xs:complexType name="TX_SANF_Type"> <xs:annotation> <xs:documentation>Typ: Basisdaten fuer Sperranforderungen</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <!-- Wilk Hoffmann: muss spaeter aus Aufzaehlung kommen --> <xs:element name="sperrSperrgrund" type="ct:INT1"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXA_Type

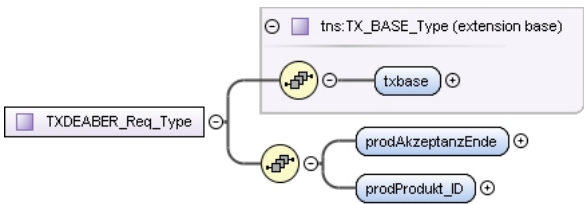
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Ablehnung einer ION-Transaktion |
| Diagram | |
| Type | extension of tns:TX_RET_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_RET_Type tns:TXA_Type |
| Used by | Elements tns:TXA,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

Complex Type tns:TXB_Type

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

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

Complex Type tns:TXDEABER_Req_Type

| | |
|----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen" |
| Diagram |  |
| Type | extension of tns:TX_BASE_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TXDEABER_Req_Type |
| Used by | Element tns:TXDEABER |
| Model | txbase , prodAkzeptanzEnde , prodProdukt_ID |
| Children | prodAkzeptanzEnde, prodProdukt_ID, txbase |
| Source | <pre> <xs:complexType name="TXDEABER_Req_Type"> <xs:annotation> <xs:documentation>Typ: Dienstanfrage "Entfernen einer Produkt Akzeptanz fuer alle Organisationen"</xs:documentation> </xs:annotation> <xs:complexContent> <xs:extension base="tns:TX_BASE_Type"> <xs:sequence> <xs:element name="prodAkzeptanzEnde" type="ct:Date" /> <xs:element name="prodProdukt_ID" type="tns:EFMPprodukt_ID_Type" /> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> |

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

Complex Type tns:TXSMITA_Type

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

Complex Type tns:TXSFREIMITA_Type

| | |
|-------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperrfreigabemitteilung Applikation |
| Diagram | |
| Type | extension of tns:TXSMITA_Type |

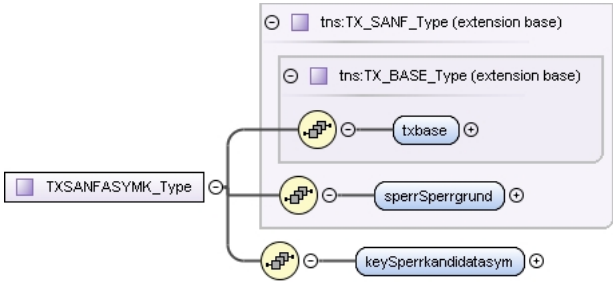
| | |
|-----------------|--|
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SMIT_Type <ul style="list-style-type: none"> • tns:TXSMITA_Type • tns:TXSFREIMITA_Type |
| Used by | Element tns:TXSFREIMITA |
| Model | txbase , sperrAnforderungBezug , sperrEntscheidung ,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

Complex Type tns:TXSANFSYMK_Type

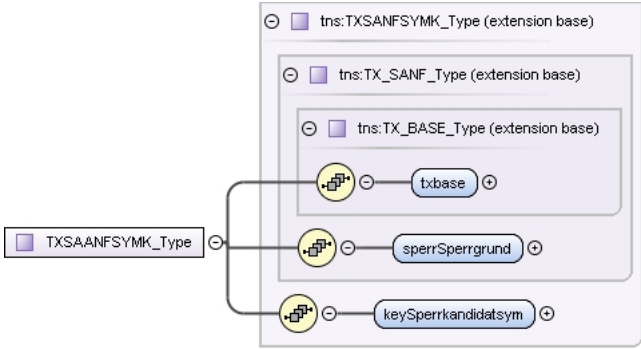
| | |
|-----------------|--|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | Typ: Sperranforderung fuer einen symmetrischen Schluessel |
| Diagram | |
| Type | extension of tns:TX_SANF_Type |
| Type hierarchy | <ul style="list-style-type: none"> • tns:TX_BASE_Type • tns:TX_SANF_Type • tns:TXSANFSYMK_Type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

Complex Type tns:TXSANFASYMK_Type

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

| | | | | | |
|-----------------|--|--------------|-----------------------|---------|-----------------|
| Diagram |  The diagram shows the structure of the complex type tns:TXSANFASYMK_Type. It is an extension of tns:TX_SANF_Type (extension base). Inside tns:TX_SANF_Type, there is an extension of tns:TX_BASE_Type (extension base). tns:TX_BASE_Type contains three elements: txbase, sperrSperrgrund, and keySperrkandidatasy. tns:TXSANFASYMK_Type extends tns:TX_SANF_Type and contains three elements: txbase, sperrSperrgrund, and keySperrkandidatasy. | | | | |
| Type | extension of tns:TX_SANF_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFASYMK_Type | | | | |
| Used by | <table border="1"> <tr> <td>Complex Type</td> <td>tns:TXSAANFASYMK_Type</td> </tr> <tr> <td>Element</td> <td>tns:TXSANFASYMK</td> </tr> </table> | Complex Type | tns:TXSAANFASYMK_Type | Element | tns:TXSANFASYMK |
| Complex Type | tns:TXSAANFASYMK_Type | | | | |
| Element | tns:TXSANFASYMK | | | | |
| Model | txbase , sperrSperrgrund , keySperrkandidatasy | | | | |
| Children | keySperrkandidatasy, 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="keySperrkandidatasy" type="tns:ASymSchluessel_ID_Type"/> </xs:sequence> </xs:extension> </xs:complexContent> </xs:complexType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Complex Type tns:TXSAANFSYMK_Type

| | | | |
|----------------|---|---------|-----------------|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel | | |
| Diagram |  The diagram shows the structure of the complex type tns:TXSAANFSYMK_Type. It is an extension of tns:TXSANFSYMK_Type (extension base). Inside tns:TXSANFSYMK_Type, there is an extension of tns:TX_SANF_Type (extension base). tns:TX_SANF_Type contains three elements: txbase, sperrSperrgrund, and keySperrkandidatasy. tns:TXSAANFSYMK_Type extends tns:TXSANFSYMK_Type and contains three elements: txbase, sperrSperrgrund, and keySperrkandidatasy. | | |
| Type | extension of tns:TXSANFSYMK_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SANF_Type tns:TXSANFSYMK_Type tns:TXSAANFSYMK_Type | | |
| Used by | <table border="1"> <tr> <td>Element</td> <td>tns:TXSAANFSYMK</td> </tr> </table> | Element | tns:TXSAANFSYMK |
| Element | tns:TXSAANFSYMK | | |
| Model | txbase , sperrSperrgrund , keySperrkandidatasy | | |
| Children | keySperrkandidatasy, sperrSperrgrund, txbase | | |
| Source | <pre> <xs:complexType name="TXSAANFSYMK_Type"> </pre> | | |

| | |
|-----------------|---|
| | <pre> <xs:annotation> <xs:documentation>Typ: Sperraufhebungsanforderung fuer einen symmetrischen Schluessel</ xs:documentation> </xs:annotation> <xs:complexType> <xs:extension base="tns:TXSANFASYMK_Type" /> </xs:complexType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSAANFASYMK_Type

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

Complex Type tns:TXSFREIMITSYMK_Type

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

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

Complex Type tns:TXSFREIMITASYMK_Type

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

Complex Type tns:TXSMITSYMK_Type

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

| | |
|-----------------|---|
| Annotations | Typ: Sperrmitteilung symmetrischer Schuessel |
| Diagram | |
| Type | extension of tns:TX_SMIT_Type |
| Type hierarchy | <ul style="list-style-type: none"> tns:TX_BASE_Type tns:TX_SMIT_Type tns:TXSMITSYMK_Type |
| Used by | Element tns:TXSMITSYMK |
| Model | txbase, sperrAnforderungBezug, sperrEntscheidung, 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> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Complex Type tns:TXSMITASYMK_Type

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

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

Complex Type tns:TXSNAWA_Req_Type

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


Complex Type tns:TXSNAWB_Req_Type

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

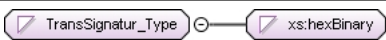
Simple Type(s)

Simple Type tns:TerminalTyp_CODE_Type

| | |
|-------------|---|
| Namespace | http://vdv/ka/ion/2 |
| Annotations | <p>Classifies terminals. From EN 1545: DeviceTypeCode. See Spec BOM table 6-85.</p> <p>Der TerminalTyp_CODE klassifiziert Terminals.</p> <p>Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung TerminalTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</p> |

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

Simple Type tns:TransSignatur_Type

| | | | |
|-----------------|--|--------|-----|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | Typ fuer die Signatur auf der Transaktion (altes Verfahren) | | |
| Diagram |  | | |
| Type | restriction of xs:hexBinary | | |
| Facets | <table> <tr> <td>length</td><td>128</td></tr> </table> | length | 128 |
| length | 128 | | |
| Used by | Elements tns:ION_TX_HEADER_Type/transSignatur, tns:TX_RET_Type/transOrigSignatur | | |
| Source | <pre><xs:simpleType name="TransSignatur_Type"> <xs:annotation> <xs:documentation>Typ fuer die Signatur auf der Transaktion (altes Verfahren)</xs:documentation> </xs:annotation> <xs:restriction base="xs:hexBinary"> <xs:length value="128" fixed="true"/> </xs:restriction> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Simple Type tns:Abrechnungsverfahren_CODE_Type

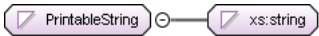
| | | | |
|----------------|--|-----|--------------|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | Der Abrechnungsverfahren_CODE klassifiziert das Verfahren der Fahrpreisabrechnung. | | |
| Diagram | | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">• xs:unsignedInt<ul style="list-style-type: none">• tns:INT1<ul style="list-style-type: none">• tns:Abrechnungsverfahren_CODE_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Pre-Paid |

| | | | |
|-----------------|--|--|-----------|
| | enumeration | 2 | Post-Paid |
| | enumeration | 3 | Trip-Paid |
| Used by | Element | tns:TX_BER_Type/prodAbrechnungsVerfahren | |
| Source | <pre><xs:simpleType name="Abrechnungsverfahren_CODE_Type"> <xs:annotation> <xs:documentation>Der AbrechnungsVerfahren_CODE klassifiziert das Verfahren der Fahrpreisabrechnung.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Keine Angabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Pre-Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Post-Paid</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="3"> <xs:annotation> <xs:documentation>Trip-Paid</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Simple Type tns:Bezahlart_CODE_Type

| | | | |
|-----------------|---|------------------------------|--|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | <p>Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation).</p> <p>Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</p> | | |
| Diagram | <pre>classDiagram class Bezahlart_CODE_Type["Bezahlart_CODE_Type"] class ct_INT1["ct:INT1"] Bezahlart_CODE_Type -- > ct_INT1</pre> | | |
| Type | tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">xs:unsignedInt<ul style="list-style-type: none">tns:INT1<ul style="list-style-type: none">tns:Bezahlart_CODE_Type | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| Used by | Element | tns:TX_BER_Type/berBezahlArt | |
| Source | <pre><xs:simpleType name="Bezahlart_CODE_Type"> <xs:annotation> <xs:documentation>Der BezahlArt_CODE klassifiziert Arten der Bezahlung (von Wertobjekten der Kernapplikation). Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung BezahlartEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType></pre> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

Simple Type `tns:PrintableString`

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

Simple Type `tns:AuftragsTyp_CODE`

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

Simple Type `tns:NmTransaktionsTyp_CODE`

| | | | |
|----------------|--|-----|---------------------------------------|
| Namespace | http://vdv/ka/ion/2 | | |
| Annotations | Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten | | |
| Diagram | | | |
| Type | restriction of tns:INT1 | | |
| Type hierarchy | <ul style="list-style-type: none">• xs:unsignedInt<ul style="list-style-type: none">• tns:INT1<ul style="list-style-type: none">• tns:NmTransaktionsTyp_CODE | | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Ausgabetransaktion - Applikation oder |

| | | |
|-------------|--|---|
| | | Berechtigung |
| enumeration | 2 | Entwertung |
| enumeration | 11 | CI |
| enumeration | 12 | CO |
| enumeration | 15 | Einzahlung - Berechtigung |
| enumeration | 16 | CI nach Fahrtfortsetzung |
| enumeration | 18 | NTP Aendern |
| enumeration | 20 | Sperrtransaktion Applikation oder Berechtigung |
| enumeration | 21 | Entsperrtransaktion Applikation oder Berechtigung |
| enumeration | 22 | BI |
| enumeration | 23 | BO |
| enumeration | 24 | INOUT |
| enumeration | 25 | Rueckgabetransaktion - Applikation oder Berechtigung |
| enumeration | 27 | Kontrolle |
| enumeration | 28 | Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung (POB/PEB/WEB) |
| enumeration | 29 | Belastungstransaktion WEB mit Autoload |
| enumeration | 30 | WEB Buchung(Laden/Entladen) |
| enumeration | 31 | WEB-CI mit Autoload |
| enumeration | 32 | WEB-CO mit Autoload |
| enumeration | 33 | Kontrolle nach CI; BIBO oder Entwertung |
| enumeration | 34 | Check personal (CPKontrolldatensatz fuer Kontrollterminal) |
| enumeration | 35 | Auto CO |
| enumeration | 36 | manuelles CO (nachtraeglich durch den Nutzer) |
| enumeration | 37 | Ausgabe EFS ueber Aktionsliste |
| enumeration | 38 | Entsperrtransaktion EFS ueber Aktionsliste |
| enumeration | 39 | Rueckgabetransaktion EFS ueber Aktionsliste |
| Used by | Elements | tns:TXALISBER_Type/tns:logTransaktionsTyp, tns:TXELISBER_Type/tns:logTransaktionsTyp, tns:TXRLISBER_Type/tns:logTransaktionsTyp |
| Source | <pre> <xs:simpleType name="NmTransaktionsTyp_CODE"> <xs:annotation> <xs:documentation>Der NmTransaktionstyp_CODE klassifiziert Arten von Transaktionen, die mit Wertobjekten auf dem Nutzermedium auftreten</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"> <xs:enumeration value="0"> <xs:annotation> <xs:documentation>Keine Angabe</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="1"> <xs:annotation> <xs:documentation>Ausgabetransaktion - Applikation oder Berechtigung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="2"> <xs:annotation> <xs:documentation>Entwertung</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="11"> <xs:annotation> <xs:documentation>CI</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="12"> <xs:annotation> <xs:documentation>CO</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="15"> <xs:annotation> </pre> | |


```

        <xs:documentation>Einzahlung - Berechtigung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="16">
    <xs:annotation>
        <xs:documentation>CI nach Fahrtfortsetzung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="18">
    <xs:annotation>
        <xs:documentation>NTP Aendern</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="20">
    <xs:annotation>
        <xs:documentation>Sperctransaktion Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="21">
    <xs:annotation>
        <xs:documentation>Entsperctransaktion Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="22">
    <xs:annotation>
        <xs:documentation>BI</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="23">
    <xs:annotation>
        <xs:documentation>BO</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="24">
    <xs:annotation>
        <xs:documentation>INOUT</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="25">
    <xs:annotation>
        <xs:documentation>Rueckgabetransaktion - Applikation oder Berechtigung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="27">
    <xs:annotation>
        <xs:documentation>Kontrolle</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="28">
    <xs:annotation>
        <xs:documentation>Belastungstransaktion - Berechtigung und Gutschriften bei Rueckzahlung
(POB/PEB/WEB)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="29">
    <xs:annotation>
        <xs:documentation>Belastungstransaktion WEB mit Autoload</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="30">
    <xs:annotation>
        <xs:documentation>WEB Buchung(Laden/Entladen)</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="31">
    <xs:annotation>
        <xs:documentation>WEB-CI mit Autoload</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="32">
    <xs:annotation>
        <xs:documentation>WEB-CO mit Autoload</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="33">
    <xs:annotation>
        <xs:documentation>Kontrolle nach CI; BIBO oder Entwertung</xs:documentation>
    </xs:annotation>
</xs:enumeration>
<xs:enumeration value="34">
    <xs:annotation>
        <xs:documentation>Check personal (CPKontrolldatensatz fuer Kontrollterminal)</
xs:documentation>
    </xs:annotation>
</xs:enumeration>

```

| | |
|-----------------|---|
| | <pre> </xs:annotation> </xs:enumeration> <xs:enumeration value="35"> <xs:annotation> <xs:documentation>Auto CO</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="36"> <xs:annotation> <xs:documentation>manuelles CO (nachtraeglich durch den Nutzer)</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="37"> <xs:annotation> <xs:documentation>Ausgabe EFS ueber Aktionsliste</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="38"> <xs:annotation> <xs:documentation>Entsperrtransaktion EFS ueber Aktionsliste</xs:documentation> </xs:annotation> </xs:enumeration> <xs:enumeration value="39"> <xs:annotation> <xs:documentation>Rückgabetransaktion EFS ueber Aktionsliste</xs:documentation> </xs:annotation> </xs:enumeration> </xs:restriction> </xs:simpleType> </pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Simple Type tns:CommonServiceResultCode

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


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

Simple Type `tns:OrtsTyp_CODE_Type`

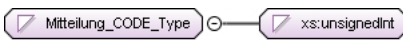
| | | | | | |
|-----------------|---|--------------|-----|--------------|---|
| Namespace | http://vdv/ka/ion/2 | | | | |
| Annotations | Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung <code>OrtsTypeEnum_Type</code> im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden. | | | | |
| Diagram | <pre> classDiagram class OrtsTyp_CODE_Type class ct_INT1 OrtsTyp_CODE_Type -- > ct_INT1 </pre> | | | | |
| Type | tns:INT1 | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT1 tns:OrtsTyp_CODE_Type | | | | |
| Facets | <table> <tr> <td>maxInclusive</td><td>255</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> </table> | maxInclusive | 255 | minInclusive | 0 |
| maxInclusive | 255 | | | | |
| minInclusive | 0 | | | | |
| Used by | Element <code>tns:Ort_ID_Type/ortTyp</code> | | | | |
| Source | <pre> <xs:simpleType name="OrtsTyp_CODE_Type"> <xs:annotation> <xs:documentation>Classifies locations, see Spec BOM, table 6-69. Die direkte Referenz auf die Aufzaehlung wurde im Rahmen von CR-239 entfernt und damit die automatische Validierung auf die Beschraenkung der Aufzaehlungselemente entfernt, um Codes erweitern zu koennen. Der sematische Check muss in der Software mit Hilfe der Aufzaehlung OrtsTypeEnum_Type im entsprechenden Schema (XML-Schema_ION_Enums_ext-1.x.x.xsd) umgesetzt werden.</xs:documentation> </xs:annotation> <xs:restriction base="ct:INT1"/> </xs:simpleType> </pre> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Simple Type `tns:SAM_ID_Type`

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

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

Simple Type tns:Mitteilung_CODE_Type

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

Simple Type tns:SperrlistenZyklusNummer_Type


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

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


Namespace: ""

Element(s)

Element tns:Terminal_ID_Type / terminalTyp


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

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


Element **tns:Terminal_ID_Type** / **terminalOwner_ID**

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

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


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

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


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

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


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

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

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

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Organisation_ID |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <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> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

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

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

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

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

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

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} , transWiederholungsZaeher{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, transWiederholungsZaeher |
| 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> </pre> |

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

Element **tns:ION_TX_HEADER_Type / transAuftrag**

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

Element **tns:ION_TX_HEADER_Type / transEmpfaenger_ID**

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

Element **tns:ION_TX_HEADER_Type / transEmpfaengerRolle**

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

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

Element tns:ION_TX_HEADER_Type / transStatus


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

Element tns:ION_TX_HEADER_Type / transTransaktion_ID


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

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


Element `tns:IONTransaktion_ID_Type` / `transSequenznummer`

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

Element `tns:IONTransaktion_ID_Type` / `transSenderRolle`

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

Element `tns:IONTransaktion_ID_Type` / `transSender_ID`

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

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

Element **tns:ION_TX_HEADER_Type** / **transTransaktionsTyp**

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

Element **tns:ION_TX_HEADER_Type** / **transTransaktionsZeitpunkt**

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

Element **tns:ION_TX_HEADER_Type** / **transVersion**

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

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

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

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

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


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

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

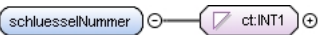
| | | | | | | | |
|-----------------|--|----------|--------|------------|---|------------|---|
| Namespace | No namespace | | | | | | |
| Diagram | | | | | | | |
| Type | restriction of xs:hexBinary | | | | | | |
| Properties | <table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td>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

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

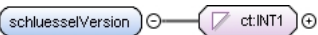
| | |
|-----------|--------------|
| Namespace | No namespace |
|-----------|--------------|

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


Element tns:SymSchluessel_ID_Type / schluesselNummer

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


Element tns:SymSchluessel_ID_Type / schluesselVersion

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


Element tns:SymSchluessel_ID_Type / schluesselInhaber_ID

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

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

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

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

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

Element **tns:TX_BER_Type** / **prodAbrechnungsVerfahren**


| | | | |
|-----------------|--|--------|--------------|
| Namespace | No namespace | | |
| Diagram | | | |
| Type | tns:Abrechnungsverfahren_CODE_Type | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT1 <ul style="list-style-type: none"> tns:Abrechnungsverfahren_CODE_Type | | |
| Properties | content: | simple | |
| Facets | maxInclusive | 255 | |
| | minInclusive | 0 | |
| | enumeration | 0 | Keine Angabe |
| | enumeration | 1 | Pre-Paid |
| | enumeration | 2 | Post-Paid |
| | enumeration | 3 | Trip-Paid |
| Source | <code><xs:element name="prodAbrechnungsVerfahren" type="tns:Abrechnungsverfahren_CODE_Type" /></code> | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | |

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


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

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


Element tns:TX_BER_Type / berBezahlMittel

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

Element tns:TXAS_Type / transSendeAuftrag

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

Element tns:TXAS_Type / transSendeAuftragstyp

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

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

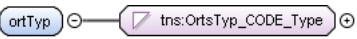
Element tns:VX_Message_Type / StatusCode

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


Element tns:VX_Message_Type / StatusText

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


Element **tns:Ort_ID_Type** / **ortTyp**

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

Element **tns:Ort_ID_Type** / **ortNummer**

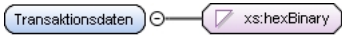
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:ReferenceNumberThree |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree |
| Properties | content: simple |
| Facets | maxInclusive 16777215 |
| | minInclusive 0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

Element **tns:Ort_ID_Type** / **ortDomaene_ID**


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

Element **tns:Transaktionsdatensatz_Type** / **Transaktionsdaten**


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

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


Element tns:ASymSchluessel_ID_Type / signaturSchluessel

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

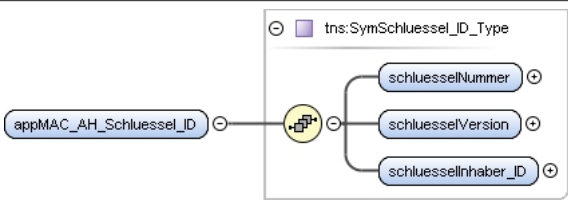
Element tns:appNmTransaktionMAC_Type / appMAC_AH

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

Element tns:appNmTransaktionMAC_Type / appMAC_KVP

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

Element tns:appNmTransaktionMAC_Type / appMAC_AH_Schluessel_ID

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

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

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

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

Element **tns:berNmTransaktionMAC_Type** / **berMAC_PV**

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

Element **tns:berNmTransaktionMAC_Type** / **berMAC_KVP**

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

Element `tns:berNmTransaktionMAC_Type` / `berMAC_PV_Schluessel_ID`

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

Element `tns:berNmTransaktionMAC_Type` / `berMAC_KVP_Schluessel_ID`


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

Element `tns:TX_RET_Type` / `transOrigID`

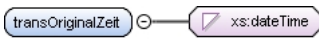
| | |
|------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | <code>tns:IONTransaktion_ID_Type</code> |
| Properties | content: complex |
| Model | <code>transSequenznummer</code> , <code>transSenderRolle</code> , <code>transSender_ID</code> |

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

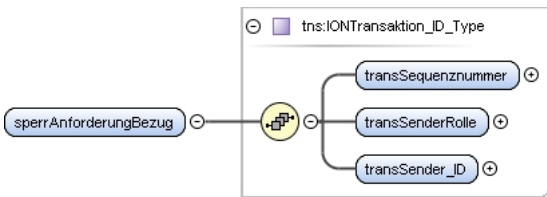
Element **tns:TX_RET_Type** / **transOrigSignatur**

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


Element **tns:TX_RET_Type** / **transOriginalZeit**

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

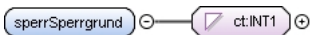
Element **tns:TX_SMIT_Type** / **sperrAnforderungBezug**

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


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

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  |
| Type | tns:Mitteilung_CODE_Type |
| Properties | content: simple |
| Facets | enumeration 1 |
| | enumeration 2 |
| | enumeration 3 |
| | enumeration 4 |
| Source | <code><xs:element name="sperrEntscheidung" type="tns:Mitteilung_CODE_Type" /></code> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

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

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

Element **tns: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 | 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,</pre> |

| | |
|-----------------|--|
| | <p>getestet und in einer neuen Version zur Verfüegung 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> <pre></xs:annotation> </xs:element></pre> |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd |

Element tns:TXDEABER_Req_Type / prodAkzeptanzEnde

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

Element tns:TXDEABER_Req_Type / prodProdukt_ID

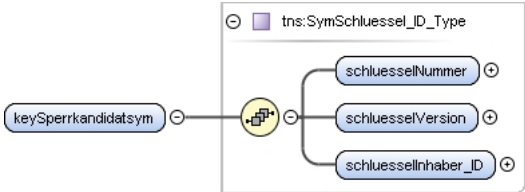
| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram | |
| Type | tns:EFMProdukt_ID_Type |
| Properties | content: complex |
| Model | produktNummer{0,1} , organisationID |
| Children | organisationID, produktNummer |
| Instance | <pre><prodProdukt_ID> <produktNummer>{0,1}</produktNummer>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

Element tns:TXSMITA_Type / appSperrkandidat

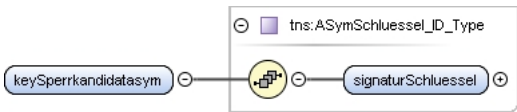
| | |
|------------|--|
| Namespace | No namespace |
| Diagram | |
| Type | tns:NmApplikationInstanz_ID_Type |
| Properties | content: complex nillable: false |
| Model | NmAppInstanznummer , kvp_ID |
| Children | NmAppInstanznummer, kvp_ID |
| Instance | <pre><appSperrkandidat> <NmAppInstanznummer>{1,1}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

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

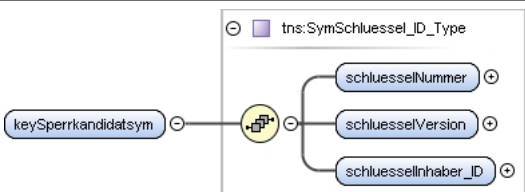
Element **tns:TXSANFSYMK_Type** / **keySperrkandidatsym**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  <p>The diagram shows a container box for tns:SymSchluessel_ID_Type. Inside, there is a yellow circle with a plus sign, which is connected to three rounded rectangles: schluesselNummer, schluesselVersion, and schluesselInhaber_ID. Each of these three elements has a small circle with a plus sign next to it. To the left of the container box, there is a rounded rectangle labeled keySperrkandidatsym with a small circle with a plus sign next to it, connected to the container box.</p> |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |
| Model | schluesselNummer , schluesselVersion , schluesselInhaber_ID |
| Children | schluesselInhaber_ID, schluesselNummer, schluesselVersion |
| Instance | <pre><keySperrkandidatsym> <schluesselNummer>{1,1}</schluesselNummer> <schluesselVersion>{1,1}</schluesselVersion> <schluesselInhaber_ID>{1,1}</schluesselInhaber_ID> </keySperrkandidatsym></pre> |
| Source | <pre><xs:element name="keySperrkandidatsym" type="tns:SymSchluessel_ID_Type"/></pre> |
| Schema location | <pre>file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd</pre> |

Element **tns:TXSANFASYMK_Type** / **keySperrkandidatasym**

| | |
|-----------------|---|
| Namespace | No namespace |
| Diagram |  <p>The diagram shows a container box for tns:ASymSchluessel_ID_Type. Inside, there is a yellow circle with a plus sign, which is connected to a rounded rectangle labeled signaturSchluessel with a small circle with a plus sign next to it. To the left of the container box, there is a rounded rectangle labeled keySperrkandidatasym with a small circle with a plus sign next to it, connected to the container box.</p> |
| Type | tns:ASymSchluessel_ID_Type |
| Properties | content: complex |
| Model | signaturSchluessel |
| Children | signaturSchluessel |
| Instance | <pre><keySperrkandidatasym> <signaturSchluessel>{1,1}</signaturSchluessel> </keySperrkandidatasym></pre> |
| Source | <pre><xs:element name="keySperrkandidatasym" type="tns:ASymSchluessel_ID_Type"/></pre> |
| Schema location | <pre>file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd</pre> |

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

| | |
|------------|---|
| Namespace | No namespace |
| Diagram |  <p>The diagram shows a container box for tns:SymSchluessel_ID_Type. Inside, there is a yellow circle with a plus sign, which is connected to three rounded rectangles: schluesselNummer, schluesselVersion, and schluesselInhaber_ID. Each of these three elements has a small circle with a plus sign next to it. To the left of the container box, there is a rounded rectangle labeled keySperrkandidatsym with a small circle with a plus sign next to it, connected to the container box.</p> |
| Type | tns:SymSchluessel_ID_Type |
| Properties | content: complex |

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

Element **tns:TXSFREIMITASYMK_Type** / **keySperrkandidatsym**

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

Element **tns:TXSMITSYMK_Type** / **keySperrkandidatsym**

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

Element **tns:TXSMITASYMK_Type** / **keySperrkandidatsym**

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

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

Element tns:TXSNAWA_Req_Type / samSperrkandidat

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

Element tns:TXSNAWA_Req_Type / orgSperrkandidat

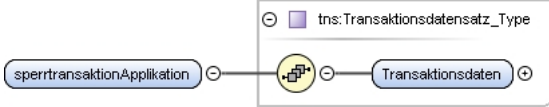
| | | | | | |
|-----------------|---|--------------|-------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram | | | | | |
| Type | tns:Organisation_ID | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt <ul style="list-style-type: none"> tns:INT2 <ul style="list-style-type: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

Element tns:TXSNAWA_Req_Type / zyklusNummer

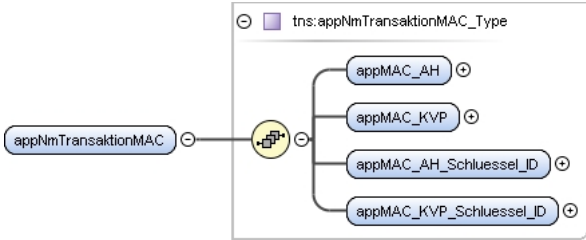
| | |
|-------------|--|
| Namespace | No namespace |
| Annotations | <p>Die Sperrlisten-Zyklusnummer identifiziert eindeutig den Zeitpunkt der der Sperrliste zugrundeliegenden Sperrobjekte. Der Zyklus kann von einer NM-Liste oder einer ORG bzw. SAM Liste sein. Wenn samSperrkandidat gesetzt ist, so bezieht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

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

Element tns:TXSNAWA_Req_Type / sperrrtransaktionApplikation


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

Element tns:TXSNAWA_Req_Type / appNmTransaktionMAC


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

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

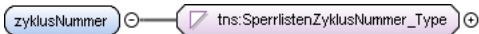
Element **tns:TXSNAWB_Req_Type** / **samSperrkandidat**

| | | | | | |
|-----------------|---|--------------|----------|--------------|---|
| Namespace | No namespace | | | | |
| Diagram |  | | | | |
| Type | tns:SAM_ID_Type | | | | |
| Type hierarchy | <ul style="list-style-type: none"> xs:unsignedInt tns:INT3 tns:ReferenceNumberThree tns:SAM_ID_Type | | | | |
| Properties | content: simple | | | | |
| Facets | <table border="1"> <tr> <td>maxInclusive</td> <td>16777215</td> </tr> <tr> <td>minInclusive</td> <td>0</td> </tr> </table> | maxInclusive | 16777215 | minInclusive | 0 |
| maxInclusive | 16777215 | | | | |
| minInclusive | 0 | | | | |
| Source | <code><xs:element name="samSperrkandidat" type="tns:SAM_ID_Type"/></code> | | | | |
| Schema location | file:/C:/Users/W.Hoffmann/Development/VDV-Interfaces/github-version/vdv-ka-interfaces/interfaces/world/build/api/relative/ka/ion/2/XML-Schema_ION.xsd | | | | |

Element **tns:TXSNAWB_Req_Type** / **orgSperrkandidat**

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

Element **tns:TXSNAWB_Req_Type** / **zyklusNummer**

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

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

Element tns:TXSNAWB_Req_Type / sperrrtransaktionBerechtigung

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

Element tns:TXSNAWB_Req_Type / berNmTransaktionMAC

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