

# MRX – Merchant Reconciliation XML

## Processor Specification

Version v1.5  
16. July 2017

## Glossary and abbreviations

| Abbreviation | Description                     |
|--------------|---------------------------------|
| PMS          | POS Management System           |
| POS          | Point of Sale                   |
| XML          | eXtensible Markup Language      |
| XSD          | XML Schema Definition, See [R1] |

## References

| Ref. | Document   | Version |
|------|--|---------|
| [R1] | Specification of the XML schema definition language from the W3 consortium |         |

## Integrated documents

| Ref. | Document                             | Version |
|------|--------------------------------------|---------|
| [I1] | MerchantReconciliationTypes-v1.5.xsd | v1.5    |
| [I2] | MerchantReconciliationXML-v1.5.xsd   | v1.5    |

## Version History

| Version | Date      | Changes with this version  |
|---------|-----------|--|
| v1.1    | 4.3.2012  | Refactoring of xsd files<br>New optional fields: branchOfficeId, dccInd, isReversal, entryType   |
| v1.2    | 16.6.2013 | New optional fields: addlStmntText, salesSlipNum, extSettlingRefNo, cardProduct, unblendCat  |
| v1.3    | 23.2.2014 | New optional fields: addlMercData  |
| v1.4    | 26.6.2016 | summarySlipType/trmPer and baseTrxType/trmTrxNo new optional transactionType: add fields clearingRegion, alCAcqTolssSC   |
| v1.5    | 16.7.2017 | Removed fields:<br>baseTrxType/salesSlipNum, cbTrxType, financialAdjustmentType/chargeback<br>Added fields:<br>transactionType/aTrxPwcbSC, transactionType/aComEffHighSC, baseTrxType/casId, baseTrxType/origTrxDate, baseTrxType/remark, baseTrxType/accountIndex, stlAccountType/bic, sumOCType/noValidTrxPwcb, sumOCType/aTrxPwcbOC, sumSCType/noValidTrxPwcb, sumSCType/aTrxPwcbSC, sumSCType/aComEffHighSC, condFullType/tariffDetail, baseTrxType/trxIndicator<br>Changed field:<br>Content of sumSCType/aComEffSC (v1.4) can now be found in sumSCType/aComEffHighSC! |

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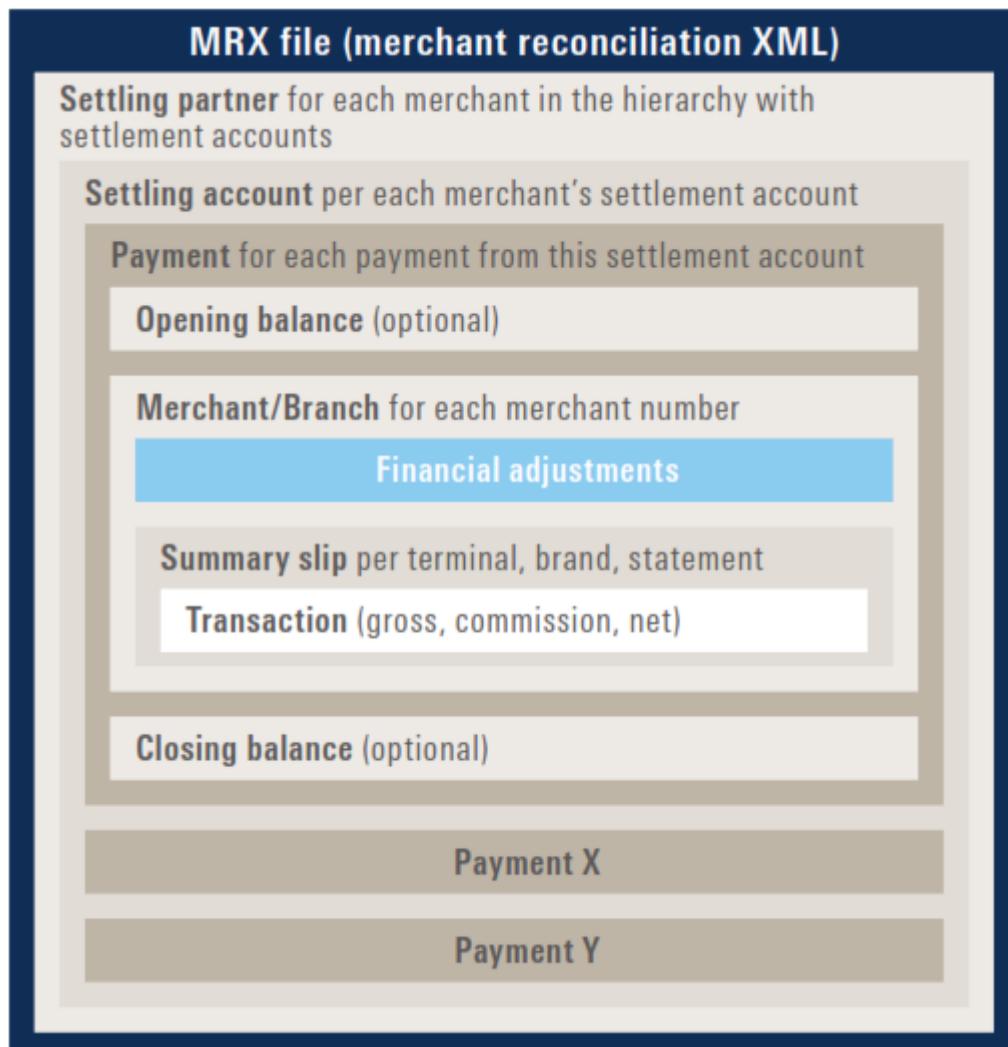
## 1 MRX Introduction

The 'Merchant Reconciliation XML' File is a file sent from the Acquirer to the Merchant containing very detailed information about processed transactions and payments to the Merchant.

## 2 File specification

The core file specification is provided as an XML Schema (XSD) according to W3C recommendations and specifications (see [R1])). The XSD (see [I1], [I2]) is provided on request and should have been delivered with this document. It is best viewed with a specialized XML/XSD viewer (e.g. Altova XMLSpy). For easier reading without additional tools an html version for viewing in a Web Browser is provided, too.

### 2.1 Structure



merchantReconciliationXML

Top XML element of the file

reportingPart

Contains the partner information on the level in a partner hierarchy on which this MRX file is set up

settlingPart

Contains the partner information on the hierarchy level on which settlement accounts are set up. For independent partners or flat hierarchies this can be the same as reportingPart.

stlAccount

Contains Information about a settlement account, including bank account information and settlement currency.

payment

A payment element is present for each payment effectuated on the corresponding settlement account. In case of a non-payment, the element payment/paymentType contains a 'N'. A non-payment can happen e.g. for negative balances.

businessPart

The business partner element contains information about the business within a payment effectuated by a specific business partner (merchant location). For independent partners or flat hierarchies this can be the same as the reportingPart and/or settlingPart.

contract

Contains information about a specific contract. This can e.g. be a 'face to face' or a 'eCommerce' contract. This container also contains the 'merchant contract number' (VP-Nummer).

fAdj

Contains information about financial adjustments that were booked for this contract.

sumSlip

Contains information about a summary slip (or terminal period, Tagesabschluss).

trx

Information about a single valid transaction.

errTrx

Information about erroneous transactions, i.e. one that has been rejected.

## 3 Definitions

xsd Schema Definition  
html from the xsd generated documentation readable by any web browser

### 3.1 Date and time elements

#### xs:Date

Date fields in standard xsd format.

Structure: YYYY-MM-DD

Example: <trxDate>2007-08-02</trxDate>

#### xs:Time

Time fields in standard xsd format.

Structure: hh:mm:ss

Example: <trxTime>21:20:54</trxTime>

### 3.2 Amount Elements

The name of amount elements always starts with an 'a' prefix. The suffix of an amount tag designates the type of amount:

**OC** amount in **original transaction currency**  
this is the currency in which the transaction actually happened from a cardholder viewpoint

**SC** amount in merchant **settlement currency**  
this is the currency of the settlement account in which the merchant is being paid

**BC** amount in acquirer **base currency**  
this currency occurs only for VAT (Value Added Tax, MwSt) related amounts

Each amount tag has two attributes:

'c' currency code in 3 character alphabetic ISO format (e.g. 'CHF' for Swiss Francs, 'EUR' for Euro).

'e' exponent (how many digits after the decimal point)

The actual amount field comes **with** the decimal point and the sign.

Negative amounts have a 'Minus'-Sign ('-').

Example and meaning of amount fields:

aTrxOC original transaction amount in the original currency

aTrxGrosSC gross amount of the transaction in settlement currency

(= aTrxOC in settlement Currency). If original currency and settlement currency are the same (in most cases) these two amount fields will show the same value.

aComEffSC rounded commission amount of the transaction in settlement currency

aComEffHighSC commission amount in high precision of the transaction in settlement currency (if applicable)

aTrxNetSC Net amount of the transaction in settlement currency (= gross – commission). This is the amount that is actually paid out for a transaction.

Example of amount fields (2 decimal calculation):

|  |             |
|--|-------------|
| <aTrxOC c="EUR" e="2">118.0</aTrxOC>           | 118.00 Euro |
| <aTrxGrossSC c="EUR" e="2">118.0</aTrxGrossSC> | 118.00 Euro |
| <aTrxNetSC c="EUR" e="2">114.91</aTrxNetSC>    | 114.91 Euro |
| <aComEffSC c="EUR" e="2">-3.09</aComEffSC>     | -3.09 Euro  |

Example of amount fields (more than 2 decimal calculation):

|  |               |
|--|---------------|
| <aTrxOC c="EUR" e="2">118.0</aTrxOC>                 | 118.00 Euro   |
| <aTrxGrossSC c="EUR" e="2">118.0</aTrxGrossSC>       | 118.00 Euro   |
| <aTrxNetSC c="EUR" e="2">114.9089</aTrxNetSC>        | 114.9089 Euro |
| <aComEffSC c="EUR" e="2">-3.09</aComEffSC>           | -3.09 Euro    |
| <aComEffHighSC c="EUR" e="2">-3.0911</aComEffHighSC> | -3.0911 Euro  |

### 3.3 VAT Amounts

If applicable, VAT is calculated and shown on payment level as a fAdj with stlEntryType 47.

Example of a fAdj with stlEntryType 47:

- aFAdjNetSC                    net VAT amount (VatNetAmount \* VatPercentage)
- aFAdjGrosSC                gross VAT amount (equals net VAT amount)
- VATPercentage                contains the VAT percentage with which the VAT amount was calculated
- VATGrossAmount             = VatNetAmount + (VatNetAmount \* VatPercentage)
- VatNetAmount                the amount which is liable to VAT

```

<fAdj>
  <stlEntryType>47</stlEntryType>
  <prod>ALL</prod>
  <fAdjDate>2009-03-03</fAdjDate>
  <passStlEntryNo>200903030022748</passStlEntryNo>
  <aFAdjNetSC e="2" c="EUR">-53.10000000</aFAdjNetSC>
  <aFAdjGrossSC e="2" c="EUR">-53.10000000</aFAdjGrossSC>
  <txtElem>
    <id>VatPercentage</id>
    <value>19</value>
  </txtElem>
  <txtElem>
    <id>VatGrossAmount</id>
    <value>-332.57</value>
  </txtElem>
  <txtElem>
    <id>VatNetAmount</id>
    <value>-279.47</value>
  </txtElem>
</fAdj>

```

VAT amounts in sumSC elements:

- aVatSC      sum of all stlEntryType 47 aFAdjNetSC amounts on the respective level
- aVatBC      sum of all stlEntryType 47 aFAdjNetSC amounts on the respective level in Base Currency

## 3.4 Rounding Differences

If applicable, rounding differences are calculated and shown on payment level as a fAdj with stlEntryType 46.

## 3.5 DCC Transactions

DCC Transactions can be identified by the element trx/dcclnd.

```
<dcclnd>1</dcclnd>
```

### 3.5.1 DCC payback

If applicable, the DCC payback will be visible in sumSC elements on levels payment and summarySlip. Condition Code 10 indicates DCC payback.

```

<sum>
  <sumSC>
    <sumCond>
      <condCode>10</condCode>
      <aComEffExclVatSC c="CHF" e="2">59.55</aComEffExclVatSC>
      <percComRate>-1</percComRate>
    </sumCond>
    :
  </sumSC>
</sum>

```

## 3.6 Purchase with cashback transactions (PwCB)

Purchase with cashback transactions can be identified by the presence of element `trx/aTrxPwcbSC` which indicates the cashback amount as part of a purchase.

### 3.6.1 PwCB payback

If applicable, the PwCB payback will be visible in `sumSC` elements on levels payment and summarySlip. Please refer to the MRX acquirer specification for the respective condition code.

```
<sum>
  <sumSC>
    <sumCond>
      <condCode>271</condCode>
      <aComEffExclVatSC c="EUR" e="2">2.65</aComEffExclVatSC>
      <percComRate>-1</percComRate>
    </sumCond>
    :
  </sumSC>
</sum>
```

## 3.7 Chargebacks

Chargeback transactions are sent in the same structure as purchase transactions, but can be identified by the trx/trxIndicator value 140 or 141 (see **Error! Reference source not found.** for other possible values).

```
<stlEntry>
  <sumSlip>
    <trx>
      <trxType>Retail</trxType>
      <trxTypeId>1</trxTypeId>
      <passTrxId>201706013250025</passTrxId>
      <trxIndicator>140</trxIndicator>
      <aTrxOC c="EUR" e="2">-130.60000000</aTrxOC>
      <trxDate>2017-05-31</trxDate>
      <trxTime>07:51:42.000</trxTime>
      <pan>526641XXXXXX0738</pan>
      <authNo>210334</authNo>
      <refNo>378878</refNo>
      <trmTrxNo>174076</trmTrxNo>
      <addlMercData>411012-200487877-200487877-170</addlMercData>
      <addlStmntText>411012-200487877-200487877-170</addlStmntText>
      <arn>05460657102041200256063</arn>
      <dccInd>0</dccInd>
      <isReversal>0</isReversal>
      <entryType>5</entryType>
      <caseId>200042417957</caseId>
      <origTrxDate>2017-04-12</origTrxDate>
      <remark>ID:200042417957/526641XXXXXX0738/EUR/130.60/31.05.</remark>
      <accountIndex>0</accountIndex>
      <aTrxGrossSC c="EUR" e="2">-130.60000000</aTrxGrossSC>
      <aTrxNetSC c="EUR" e="2">-129.56000000</aTrxNetSC>
      <aComEffSC c="EUR" e="2">1.04000000</aComEffSC>
      <aComEffBC c="EUR" e="2">1.04000000</aComEffBC>
      <cardProduct>MCC</cardProduct>
      <unBlendCat>1</unBlendCat>
      <clearingRegion>
        <id>1</id>
        <name>Domestic</name>
      </clearingRegion>
    </trx>
    <prod>ECAMC</prod>
    <sumSlipDate>2017-06-01</sumSlipDate>
    <sumSlipTime>00:00:00.000</sumSlipTime>
    <passStlEntryNo>201706011355261</passStlEntryNo>
    <origin>GICC</origin>
    <sumSlipId>0</sumSlipId>
    <trmId>09B00296</trmId>
    <sumSlipRemark>ID:200042417957/526641XXXXXX0738/EUR/130.60/31.05.</sumSlipRemark>
    <sum>
      <!--
      -->
    </sum>
  </sumSlip>
</stlEntry>
```

Figure 1: Appearance of a chargeback in MRX

Chargeback transactions show additional information related to the chargeback case and the original purchase transaction:

|              |   |
|--------------|---|
| trxIndicator | Value 140 identifies a chargeback                               |
| caseId       | The ID under which the case is tracked in the chargeback system |
| pan          | Truncated card number of the original purchase                  |
| origTrxDate  | Date of the original transaction                                |
| trmId        | Terminal number of the original purchase                        |
| refNo        | Acquirer reference number of the original purchase              |

The original purchase is referenced by the combination of trmId and refNo.

## 3.8 Sum

Each level from reportingPart to sumSlip contain aggregated amounts and counters. These are available in the sum tag.

|       |   |
|-------|---|
| sumSC | Summary of amounts and counters in the merchant settlement currency. Such a tag is present for each settlement currency.            |
| sumOC | Summary of amounts and counters in the original transaction currency. Such a tag is present for each original transaction currency. |

## 3.9 PAN

The primary account number (PAN / card number) in the trx or errTrxs container is truncated for security reasons implied by the international card schemes. The first six and the last four digits are visible, the rest is replaced with 'X'.

Example: <pan>523227XXXXXX8446</pan>

### 3.10 Payment amount details

Payment amount details are provided as unrounded or rounded amounts. The paid-out amount can be reconstructed<sup>1</sup> by adding up either column in Table 1.

|   | XML hierarchy  | Unrounded amounts            | Rounded amounts |
|---|--|------------------------------|-----------------|
| Opening balance<br>(only for preceding non-payment periods)                       | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++openingBalance   | aOpBalSC                     | aOpBalSC        |
| Transaction gross amount  | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++businessPart<br>++++++contract<br>++++++stlEntry<br>++++++sumSlip<br>++++++trx | aTrxGrosSC                   | aTrxGrosSC      |
| Transaction related merchant service fees   | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++businessPart<br>++++++contract<br>++++++stlEntry<br>++++++sumSlip<br>++++++trx | aComEffHighSC                | aComEffSC       |
| Not transaction related fees and adjustments related to a specific POS/WebShop.   | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++businessPart<br>++++++contract[extVPNNo <> 0]<br>++++++stlEntry<br>++++++fAdj  | aFAdjNetSC                   | aFAdjNetSC      |
| Not transaction related fees and adjustments unrelated to a specific POS/WebShop. | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++fAdj[stlEntryType <> 46]   | aFAdjNetSC                   | aFAdjNetSC      |
| Accumulated rounding difference   | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++fAdj[stlEntryType == 46]   | -                            | aFAdjNetSC      |
| Accumulated rounding difference   | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++sum<br>+++++sumSC  | aComEffSC -<br>aComEffHighSC | -               |

**Table 1: Amount details provided by MRX, resulting in either a reimbursement or a closing balance (see Table 2)**

<sup>1</sup> Only for MRX v1.5 and later versions.

|   | XML hierarchy   | Unrounded amounts | Rounded amounts |
|---|---|-------------------|-----------------|
| Reimbursed amount<br>(paymentType "P";<br>the new zero closing balance is not shown)                                | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>++++payment<br>+++++sum<br>+++++sumSC | aPaymentsSC       | aPaymentsSC     |
| or  |   |                   |                 |
| Closing Balance<br>(paymentType "N";<br>amount will be carried over as opening balance for the next payment period) | merchantReconciliationXML<br>+reportingPart<br>++settlingPart<br>+++stlAccount<br>+++payment<br>++++openingBalance      | aC1BalSC          | aC1BalSC        |

**Table 2: Reimbursed or carried over amount**

### 3.11 Payment periods without payments

MRX reports each payment period with processed transactions. This is regardless whether at the end of a payment period (e.g. weekly) the merchant received funds (because there has been a positive credit balance) or not (because the merchant's credit balance has been negative because of excessive refunds, chargebacks, etc.).

For payment periods ending without a payment to the merchant, MRX uses the concept of a "non-payment". In such cases, all transaction processed during this period are being reported.

Please note that each transaction will only be reported once in the payment period during which it has been processed. The transaction data won't be sent again, even if the eventual payment is executed at a later date.

1. Payment periods ending with a regular payment to the merchant are marked with paymentType "P" (see 2.1, payment). For each executed payment, a unique reference number paymentNo (for some markets extSettlingRefNo) is generated, which will be reproduced on the bank statement for reconciliation purposes:

```

</businessPart>
<paymentType>P</paymentType>
<paymentDate>2020-03-23</paymentDate>
<paymentNo>202003230049445</paymentNo>
<valueDate>2020-03-24</valueDate>
```

**Figure 2: Payment period ending with a payment**

In case there has been a carry-over from the previous payment period, the credit balance at the beginning of this payment period is indicated by an openingBalance:

```
</businessPart>
<openingBalance>
  <aOpBalSC c="EUR" e="2">-339.860000000</aOpBalSC>
  <opBalDate>2020-03-09</opBalDate>
</openingBalance>
<paymentType>P</paymentType>
<paymentDate>2020-03-23</paymentDate>
<paymentNo>202003230049445</paymentNo>
<valueDate>2020-03-24</valueDate>
```

**Figure 3: Payment period ending with a payment with carry-over from previous payment periods**

2. Payment period ending without a payment to the merchant are marked with paymentType "N" (see 2.1, payment). No unique payment identifier paymentNo is generated, instead closingBalance indicates the credit balance at period's end and a reason code clBalReason (see **Error! Reference source not found.**) states why the payment couldn't be executed:

```
</businessPart>
<closingBalance>
  <aClBalSC c="EUR" e="2">-245.170000000</aClBalSC>
  <clBalDate>2020-03-10</clBalDate>
  <clBalReason>10</clBalReason>
</closingBalance>
<paymentType>N</paymentType>
```

**Figure 4: Payment period ending without a payment, without carry-over from previous payment period**

In case there has been a carry-over from the previous payment period, the credit balance at the beginning of this payment period is indicated by an openingBalance:

```
</businessPart>
<openingBalance>
  <aOpBalSC c="EUR" e="2">-339.860000000</aOpBalSC>
  <opBalDate>2020-03-09</opBalDate>
</openingBalance>
<closingBalance>
  <aClBalSC c="EUR" e="2">-245.170000000</aClBalSC>
  <clBalDate>2020-03-10</clBalDate>
  <clBalReason>10</clBalReason>
</closingBalance>
<paymentType>N</paymentType>
```

**Figure 5: Payment period ending without a payment, with carry-over from previous payment period**

## 4 Code Values

### 4.1 Clearing Region

Card scheme clearing region.

| Code value | Description                                       |
|------------|---|
| 1          | Domestic  |
| 2          | Within the same region                            |
| 3          | Between different regions                         |
| 4          | Within IntraEuropean Western region               |
| 5          | Within IntraEuropean Eastern region               |
| 6          | Within IntraEuropean EEA (former Eurozone) region |

Table 3: Allowed values for field clearingRegion

### 4.2 Closing Balance Reason

clBalReason: specifies the reason why no payment instruction for a merchant settlement has been produced.  
clB

| Code value | Description   |
|------------|---|
| 10         | Negative balance of technical merchant account.                               |
| 20         | Balance of technical merchant account is below minimum amount for settlement. |
| 30         | Merchant settlement has been blocked by acquirer.                             |
| 40         | Insufficient data for merchant settlement.                                    |

Table 4: Allowed values for clBalReason

### 4.3 Contract Category

contractCategory: Category of acceptance contract.

| Code value | Description                                     |
|------------|---|
| 1          | Face to Face (Presence)                         |
| 2          | Mail/Phone Order (Card not present)             |
| 4          | Cash Advance (Presence)                         |
| 5          | Internet Electronic Trx. (Card not present)     |
| 8          | SecureECom (Card not present)                   |
| 9          | DCC/FtF (Presence)                              |
| 10         | DCC/SecureECom (Card not present)               |
| 13         | e Commerce (Card not present)                   |
| 18         | Mail/Phone Order DCC (Card not present)         |
| 19         | Internet Electronic Trx. DCC (Card not present) |

Table 5: Allowed values for contractCategory

## 4.4 Entry Types

EntryType: indicates how cardholder authentication data has been entered3

| Code value | Description  |
|------------|--|
| 0          | Unknown  |
| 1          | EntryType-Track1   |
| 2          | EntryType-Track2   |
| 3          | EntryType-Track3   |
| 4          | EntryType-Chip   |
| 5          | EntryType-Manual   |
| 6          | Contactless EMV chip entered transaction                 |
| 7          | Contactless Magnetic stripe standard entered transaction |
| 8          | Account ID originating from digital device               |
| 10         | EMV fallback   |
| 11         | Server or Wallet   |
| 12         | QRC Code TAGC  |
| 15         | CredentialOnFile   |

Table 6: allowed values for field *entryType*

## 4.5 Origin

Protocol used in delivery of transaction to processor.

| Code value | Description  |
|------------|--|
| BSP        | BSP - IATA Trx-Einlieferfile (Airlines)                      |
| CDS        | CDS Einlieferungen   |
| CTAC       | International Forecast Standards Forum (IFSF) Host2Host Link |
| DTAA       | DT1.34 AUA Einlieferung                                      |
| DTAT       | DT Austria   |
| DTGA       | DT1.34 Garagen Kredit Einlieferung                           |
| EP2        | ep2  |
| EVTR       | Paylife EV Terminals   |
| GARA       | Garagen Debit Einlieferung                                   |
| GICC       | German ISO-8583 Credit Card (GICC) Protocol                  |
| IFSF       | International Forecast Standards Forum Petrol                |
| ONL        | Manual entry (online) in acquirer backoffice                 |
| QRES       | Quick Restsaldo-Ausbuchung                                   |
| QUIC       | Quick Einlieferungen   |
| SaferPay   | Saferpay   |
| SLIP       | Paper Sale Slip  |
| UDK        | Umsatzdaten der deutschen Kreditkartengesellschaften         |
| Voice Auth | Voice Authorization  |

Table 7: Allowed values for field *origin*

## 4.6 Product

prod: Acceptance product.

| Code value | Description         |
|------------|---------------------|
| ALIPY      | Alipay              |
| BCMC       | Bancontact          |
| BLUEC      | Bluecode            |
| CUP        | UnionPay            |
| DMC        | DebitMasterCard     |
| DINER      | DINERS credit card  |
| ECAMC      | MasterCard          |
| ECDIR      | Swiss Maestro cards |
| IDEAL      | iDEAL               |
| JCB        | Japan Credit Bureau |
| MAES       | Maestro Debit Card  |
| MCARD      | Migrosbank M-Bank   |
| PQNIC      | Payconiq            |
| TWINT      | Twint               |
| VISA       | VISA                |
| VPAY       | V PAY               |
| VSDB       | VisaDebit           |
| WCHAT      | WeChat Pay          |

Table 8: Allowed values for field *prod*

## 4.7 Mobile Voucher product

prod: Swiss mobile voucher product.

| Code value | Description     |
|------------|-----------------|
| TOLEB      | Mobile Lebara   |
| TOLYC      | Mobile Lyca     |
| TOMBU      | Mobile M-Budget |
| TOORA      | Mobile Salt.    |
| TOSUN      | Mobile sunrise  |
| TOSWI      | Mobile Swisscom |
| TOYAL      | Mobile yallo    |

Table 9: Allowed values for field *prod* (mobile voucher)

## 4.8 Scheme Type

schemeType: Describes the type of a sharing scheme for merchant service charges.

| Code value | Description   |
|------------|---|
| 2          | Split of merchant service charges with a third party. |

Table 10: Allowed values for field *schemeType*

## 4.9 Transaction Indicator

trxIndicator: Describes the chargeback indicators.

| Code value | Description                                 |
|------------|---|
| 100        | 1 <sup>st</sup> presentment – no chargeback |
| 140        | Merchant debit from chargeback              |
| 141        | Merchant credit from chargeback             |

Table 11: Allowed values for field *trxIndicator*

## 4.10 Transaction Type / Transaction Type ID

trxTypeID / trxType: Type of the transaction.

| Code Value | Description (trxType)                |
|------------|--------------------------------------|
| 0          | Unknown                              |
| 1          | Retail                               |
| 2          | Authorisation                        |
| 3          | Cash Advance                         |
| 4          | Cash Withdrawal                      |
| 5          | Reservation                          |
| 6          | Cash Loading                         |
| 7          | UniqueTrx                            |
| 8          | Inc Reservation                      |
| 9          | Refund                               |
| 10         | Deposit                              |
| 11         | Delayed Retail                       |
| 13         | Collection                           |
| 21         | CFT                                  |
| 22         | Disbursement                         |
| 23         | Balance Inquiry                      |
| 24         | Prepaid Mobile                       |
| 25         | Prepaid Purse Unload                 |
| 26         | Pin Service Advice Crediting         |
| 27         | Pin Service Advice Not Crediting     |
| 28         | Pin Advice On-Us                     |
| 29         | Delivery Charge                      |
| 34         | PIN check                            |
| 35         | Quick Cancel in Favour of cardholder |
| 36         | PIN Change                           |
| 37         | Cash Refund                          |
| 92         | Voucher                              |
| 93         | Voucher Direct Load                  |

Table 12: Allowed values for fields *trxTypeId* / *trxType*

## 4.11 Unblending Categories

unBlendCat: In order to implement an ECC directive, the Card Schemes introduced categorization of transactions according to the card type used therein. This allows a higher degree of cost transparency for the merchant. This initiative is known as “Unblending”

The optional unBlendCat element indicates the specific unblending category for this transaction defined by VISA and MasterCard.

| <i>Code value</i> | <i>Description</i> |
|-------------------|--------------------|
| 0                 | Unspecified        |
| 1                 | Credit             |
| 2                 | Debit              |
| 3                 | Commercial         |

**Table 13: Allowed values for field unBlendCat**

## 5 File structure and field description

### 5.1 MerchantReconciliationTypes

#### 5.1.1 element *merchantReconciliationXML*

|            |   |
|------------|---|
| diagram    | <p>The diagram illustrates the structure of the <b>merchantReconciliationXML</b> element. It is a complex type (indicated by a dashed border) containing four child elements: <b>fileHeader</b>, <b>mercNoticeHeader</b>, <b>acqContact</b>, and <b>reportingPart</b>. <b>fileHeader</b> is described as 'Description of file content'. <b>mercNoticeHeader</b> is described as 'Reporting parameter of this merchant notice'. <b>acqContact</b> is described as 'Acquirer contact information'. <b>reportingPart</b> is described as 'Merchant statement'.</p> |
| properties | content complex   |
| children   | <a href="#">fileHeader</a> <a href="#">mercNoticeHeader</a> <a href="#">acqContact</a> <a href="#">reportingPart</a>  |

#### 5.1.2 element *merchantReconciliationXML/fileHeader*

|            |  |
|------------|--|
| diagram    | <p>The diagram illustrates the structure of the <b>fileHeader</b> element. It is a complex type (indicated by a dashed border) containing four child elements: <b>interfaceVersionNo</b>, <b>fileCreationDate</b>, <b>processingDate</b>, and <b>productionFlag</b>. <b>interfaceVersionNo</b> is v1.5. <b>fileCreationDate</b> is described as 'Creation date of this file'. <b>processingDate</b> is described as 'Processing cycle date which produced this file'. <b>productionFlag</b> is described as 'Indicates whether file contains test or productive data: 'P' for productive File/'T' for Testfile'.</p> |
| properties | content complex  |
| children   | <a href="#">interfaceVersionNo</a> <a href="#">fileCreationDate</a> <a href="#">processingDate</a> <a href="#">productionFlag</a>  |
| annotation | documentation Description of file content  |

### 5.1.3 element *merchantReconciliationXML/fileHeader/interfaceVersionNo*

|            |   |
|------------|---|
| diagram    |  <b>interfaceVersionNo</b> |
|            | v1.5  |
| type       | restriction of <b>xs:string</b>   |
| properties | content simple  |
| annotation | documentation v1.5  |

### 5.1.4 element *merchantReconciliationXML/fileHeader/fileCreationDate*

|            |   |
|------------|---|
| diagram    |  <b>fileCreationDate</b> |
|            | Creation date of this file.   |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation Creation date of this file  |

### 5.1.5 element *merchantReconciliationXML/fileHeader/processingDate*

|            |   |
|------------|---|
| diagram    |  <b>processingDate</b> |
|            | Processing cycle date which produced this file.   |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation Processing cycle date which produced this file.   |

### 5.1.6 element *merchantReconciliationXML/fileHeader/productionFlag*

| diagram     |  <b>productionFlag</b>  |            |       |            |        |   |  |             |   |  |             |   |  |
|-------------|--|------------|-------|------------|--------|---|--|-------------|---|--|-------------|---|--|
|             | Indicates whether file contains test or productive data: 'P' for productive File/"T" for Testfile  |            |       |            |        |   |  |             |   |  |             |   |  |
| type        | restriction of <b>xs:string</b>  |            |       |            |        |   |  |             |   |  |             |   |  |
| properties  | content simple   |            |       |            |        |   |  |             |   |  |             |   |  |
| facets      | <table> <thead> <tr> <th>Kind</th> <th>Value</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>length</td> <td>1</td> <td></td> </tr> <tr> <td>enumeration</td> <td>P</td> <td></td> </tr> <tr> <td>enumeration</td> <td>T</td> <td></td> </tr> </tbody> </table> | Kind       | Value | Annotation | length | 1 |  | enumeration | P |  | enumeration | T |  |
| Kind        | Value  | Annotation |       |            |        |   |  |             |   |  |             |   |  |
| length      | 1  |            |       |            |        |   |  |             |   |  |             |   |  |
| enumeration | P  |            |       |            |        |   |  |             |   |  |             |   |  |
| enumeration | T  |            |       |            |        |   |  |             |   |  |             |   |  |
| annotation  | documentation Indicates whether file contains test or productive data: 'P' for productive File/"T" for Testfile  |            |       |            |        |   |  |             |   |  |             |   |  |

### 5.1.7 element *merchantReconciliationXML/mercNoticeHeader*

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     mercNoticeConfigType &lt; -- mercNoticeHeader     mercNoticeHeader {         mercNoticeUniqueId         mercNoticeDate         noticePerFrom         noticePerTo     }     mercNoticeUniqueId &lt; -- Unique identifier of this merchant notice     mercNoticeDate &lt; -- Creation date of this merchant notice     noticePerFrom &lt; -- Beginning of reporting period     noticePerTo &lt; -- End of reporting period   </pre> |
| type       | extension of <a href="#">mercNoticeConfigType</a>  |
| properties | content complex  |
| children   | <a href="#">mercNoticeUniqueId</a> <a href="#">mercNoticeDate</a> <a href="#">noticePerFrom</a> <a href="#">noticePerTo</a>  |
| annotation | documentation Reporting parameter of this merchant notice  |

### 5.1.8 element *merchantReconciliationXML/acqContact*

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     mercNoticeContactType &lt; -- acqContact     acqContact {         contact         phoneNo         faxNo         eMailAddr     }     contact &lt; -- Customer service team     phoneNo &lt; -- Customer service phone number     faxNo &lt; -- Customer service fax number     eMailAddr &lt; -- Customer service email address   </pre> |
| type       | <a href="#">mercNoticeContactType</a>  |
| properties | content complex<br>minOcc 0<br>maxOcc 1  |
| children   | <a href="#">contact</a> <a href="#">phoneNo</a> <a href="#">faxNo</a> <a href="#">eMailAddr</a>  |
| annotation | documentation Acquirer contact information   |

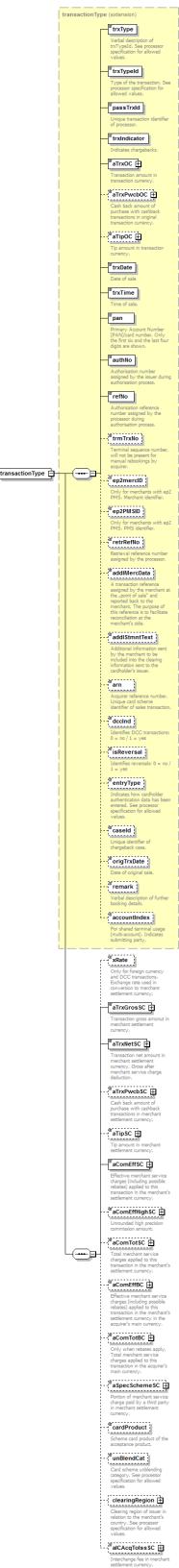
### 5.1.9 element *merchantReconciliationXML/reportingPart*

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class reportingPartType {         settlingPart "1..∞"         passRepPartId         repPartAddr         branchOfficeld         sum     }     reportingPart "Merchant statement" --&gt; reportingPartType     reportingPartType &lt; -- settlingPart     reportingPartType &lt; -- passRepPartId     reportingPartType &lt; -- repPartAddr     reportingPartType &lt; -- branchOfficeld     reportingPartType &lt; -- sum   </pre> <p>The diagram illustrates the structure of the <code>reportingPartType</code> element. It is a complex type with the following components:</p> <ul style="list-style-type: none"> <li><b>settlingPart</b>: A multiplicity of <code>1..∞</code>. Description: Aggregation of merchant settlement information.</li> <li><b>passRepPartId</b>: Description: Unique identifier of the recipient of this merchant notice.</li> <li><b>repPartAddr</b>: Description: Recipient address.</li> <li><b>branchOfficeld</b>: Description: Merchant or acquirer defined identifier for a subsidiary or branch office (store).</li> <li><b>sum</b>: Description: Aggregation per currency.</li> </ul> <p>A <code>reportingPart</code> element, labeled "Merchant statement", is shown with a directed association pointing to the <code>reportingPartType</code> boundary.</p> |
| type       | <a href="#">reportingPartType</a>   |
| properties | content complex   |
| children   | <a href="#">settlingPart</a> <a href="#">passRepPartId</a> <a href="#">repPartAddr</a> <a href="#">branchOfficeld</a> <a href="#">sum</a>   |
| annotation | documentation Merchant statement  |

## 5.2 MerchantReconciliationXML

### 5.2.1 redefinition of complexType *transactionType*

diagram



|            |   |
|------------|---|
| type       | extension of <a href="#">transactionType</a>  |
| properties | base <a href="#">transactionType</a>  |
| children   | <a href="#">trxType</a> <a href="#">trxTypeIeld</a> <a href="#">passTrxId</a> <a href="#">trxIndicator</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aTipOC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">pan</a> <a href="#">authNo</a> <a href="#">refNo</a> <a href="#">trmTrxNo</a> <a href="#">ep2merclD</a> <a href="#">ep2PMSID</a> <a href="#">retrRefNo</a> <a href="#">addlMercData</a> <a href="#">addlStmntText</a> <a href="#">arn</a> <a href="#">dccInd</a> <a href="#">isReversal</a> <a href="#">entryType</a> <a href="#">caselD</a> <a href="#">origTrxDate</a> <a href="#">remark</a> <a href="#">accountIndex</a> <a href="#">xRate</a> <a href="#">aTrxGrosSC</a> <a href="#">aTrxNetSC</a> <a href="#">aTrxPwcbSC</a> <a href="#">aTipSC</a> <a href="#">aComEffSC</a> <a href="#">aComEffHighSC</a> <a href="#">aComTotSC</a> <a href="#">aComEffBC</a> <a href="#">aComTotBC</a> <a href="#">aSpecSchemeSC</a> <a href="#">cardProduct</a> <a href="#">unBlendCat</a> <a href="#">clearingRegion</a> <a href="#">aICAcqTolssSC</a> |
| used by    | element <a href="#">summarySlipType/trx</a>   |

### element [transactionType/xRate](#)

|            |  |
|------------|--|
| diagram    | <p><b>xRate</b></p> <p>Only for foreign currency and DCC transactions. Exchange rate used in conversion to merchant settlement currency.</p> |
| type       | <a href="#">xs:decimal</a>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Only for foreign currency and DCC transactions. Exchange rate used in conversion to merchant settlement currency.              |

### element [transactionType/aTrxGrosSC](#)

| diagram    | <p><b>aTrxGrosSC</b></p> <p>Transaction gross amount in merchant settlement currency.</p>  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|---------------------------------------|----------|-----------------------------|---|--|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
| properties | content complex  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><a href="#">derived by: xs:string</a></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><a href="#">derived by: xs:integer</a></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <a href="#">derived by: xs:string</a> | required | documentation currency code | e | <a href="#">derived by: xs:integer</a> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                                       |          |                             |   |  |          |                        |
| c          | <a href="#">derived by: xs:string</a>  | required | documentation currency code |     |            |   |                                       |          |                             |   |  |          |                        |
| e          | <a href="#">derived by: xs:integer</a>   | required | documentation exponent      |     |            |   |                                       |          |                             |   |  |          |                        |
| annotation | documentation Transaction gross amount in merchant settlement currency.  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |

## element *transactionType/aTrxNetSC*

| diagram    | <p>amtType</p> <ul style="list-style-type: none"> <li>attributes           <ul style="list-style-type: none"> <li>c</li> <li>Currency code</li> <li>e</li> <li>exponent</li> </ul> </li> </ul> <p>aTrxNetSC</p> <p>Transaction net amount in merchant settlement currency. Gross after merchant service charge deduction.</p>                                |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Transaction net amount in merchant settlement currency. Gross after merchant service charge deduction.   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element *transactionType/aTrxPwcbSC*

| diagram    | <p>amtType</p> <ul style="list-style-type: none"> <li>attributes           <ul style="list-style-type: none"> <li>c</li> <li>Currency code</li> <li>e</li> <li>exponent</li> </ul> </li> </ul> <p>aTrxPwcbSC</p> <p>Cash back amount of purchase with cashback transactions in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <thead> <tr> <th>content</th> <th>complex</th> </tr> <tr> <th>minOcc</th> <td>0</td> </tr> <tr> <th>maxOcc</th> <td>1</td> </tr> </thead> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Cash back amount of purchase with cashback transactions in merchant settlement currency.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element transactionType/aTipSC

| diagram    | <p>Tip amount in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Tip amount in merchant settlement currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element transactionType/aComEffSC

| diagram    | <p>Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency.</p>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> </table>  | content  | complex                     |     |            |   |                              |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency.   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element *transactionType/aComEffHighSC*

| diagram    | <p>The diagram illustrates the structure of the <b>amtType</b> complex type. It features a yellow box labeled <b>amtType</b> containing a sub-section for <b>attributes</b>. Inside this section are two attributes: <b>c</b> (labeled "Currency code") and <b>e</b> (labeled "exponent"). A dashed line connects the <b>aComEffHighSC</b> element to the <b>attributes</b> section.</p> <p><b>aComEffHighSC</b><br/>Unrounded high precision commission amount.</p> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>   | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | <p>documentation</p> <p>Unrounded high precision commission amount.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element *transactionType/aComTotSC*

| diagram    | <p>The diagram illustrates the structure of the <b>amtType</b> complex type. It features a yellow box labeled <b>amtType</b> containing a sub-section for <b>attributes</b>. Inside this section are two attributes: <b>c</b> (labeled "Currency code") and <b>e</b> (labeled "exponent"). A dashed line connects the <b>aComTotSC</b> element to the <b>attributes</b> section.</p> <p><b>aComTotSC</b><br/>Total merchant service charges applied to this transaction in the merchant's settlement currency.</p> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>   | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | <p>documentation</p> <p>Total merchant service charges applied to this transaction in the merchant's settlement currency.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element *transactionType/aComEffBC*

| diagram    | <p><b>aComEffBC</b> Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency in the acquirer's main currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by:</b> xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by:</b> xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by:</b> xs:string | required | documentation currency code | e | <b>derived by:</b> xs:integer | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by:</b> xs:string   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by:</b> xs:integer  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency in the acquirer's main currency.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element *transactionType/aComTotBC*

| diagram    | <p><b>aComTotBC</b> Only when rebates apply. Total merchant service charges applied to this transaction in the acquirer's main currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by:</b> xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by:</b> xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by:</b> xs:string | required | documentation currency code | e | <b>derived by:</b> xs:integer | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by:</b> xs:string   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by:</b> xs:integer  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Only when rebates apply. Total merchant service charges applied to this transaction in the acquirer's main currency.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element *transactionType/aSpecSchemeSC*

| diagram    | <p>Portion of merchant service charge paid by a third party in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <b>amtType</b>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Portion of merchant service charge paid by a third party in merchant settlement currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element *transactionType/cardProduct*

|            |  |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| diagram    | <p>Scheme card product of the acceptance product.</p>  |         |        |        |   |        |   |
| type       | <b>xs:string</b>   |         |        |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>simple</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |
| annotation | documentation Scheme card product of the acceptance product.   |         |        |        |   |        |   |

## element *transactionType/unBlendCat*

|              |   |         |        |              |   |              |   |
|--------------|---|---------|--------|--------------|---|--------------|---|
| diagram      | <p>Card scheme unblending category. See processor specification for allowed values.</p>   |         |        |              |   |              |   |
| type         | restriction of <b>xs:integer</b>  |         |        |              |   |              |   |
| properties   | <table> <tr> <td>content</td><td>simple</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>            | content | simple | minOcc       | 0 | maxOcc       | 1 |
| content      | simple  |         |        |              |   |              |   |
| minOcc       | 0   |         |        |              |   |              |   |
| maxOcc       | 1   |         |        |              |   |              |   |
| facets       | <table> <tr> <td>content</td><td>Value</td></tr> <tr> <td>minInclusive</td><td>0</td></tr> <tr> <td>maxInclusive</td><td>3</td></tr> </table> | content | Value  | minInclusive | 0 | maxInclusive | 3 |
| content      | Value   |         |        |              |   |              |   |
| minInclusive | 0   |         |        |              |   |              |   |
| maxInclusive | 3   |         |        |              |   |              |   |
| annotation   | documentation Card scheme unblending category. See processor specification for allowed values.  |         |        |              |   |              |   |

## element *transactionType/clearingRegion*

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <p>The diagram shows the <code>clearingRegion</code> element as a dashed box containing a sequence of nodes. The first node is a dashed rectangle labeled <code>codeValueType</code>. Inside it, there is a sequence of nodes: a circle with three dots, a square, and two rectangles labeled <code>id</code> and <code>name</code>. A callout points to the <code>codeValueType</code> node with the text: "Clearing region of issuer in relation to the merchant's country. See processor specification for allowed values."</p> |         |         |        |   |        |   |
| type       | <a href="#">codeValueType</a>  |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <a href="#">id</a> <a href="#">name</a>  |         |         |        |   |        |   |
| annotation | <p>documentation    Clearing region of issuer in relation to the merchant's country. See processor specification for allowed values.</p>   |         |         |        |   |        |   |

## element *transactionType/aICAcqTolssSC*

| diagram    | <p>The diagram shows the <code>aICAcqTolssSC</code> element as a dashed box containing a sequence of nodes. The first node is a dashed rectangle labeled <code>amtType</code>. Inside it, there is a sequence of nodes: a square labeled <code>attributes</code>, a rectangle labeled <code>c</code> with the annotation "Currency code", and a rectangle labeled <code>e</code> with the annotation "exponent".</p> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>   | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | <p>documentation    Interchange fee in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

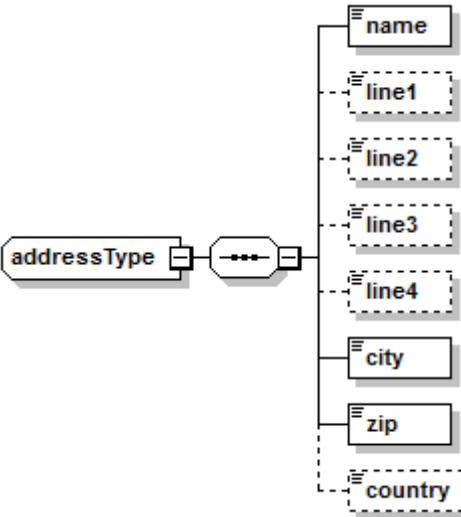
### 5.2.2 complexType *addressRecipientType*

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     addressRecipientType "1" -- "*" addressType     addressType &lt; -- addressRecipientType     addressType &lt; -- "1" fCopyFlag     addressType &lt; -- "1" name     addressType &lt; -- "1" line1     addressType &lt; -- "1" line2     addressType &lt; -- "1" line3     addressType &lt; -- "1" line4     addressType &lt; -- "1" city     addressType &lt; -- "1" zip     addressType &lt; -- "1" country   </pre> <p>addressRecipientType</p> <p>addressType (extension)</p> <p>fCopyFlag</p> <p>name</p> <p>line1</p> <p>line2</p> <p>line3</p> <p>line4</p> <p>city</p> <p>zip</p> <p>country</p> <p>Indicates if this is an original or a copy merc notice</p> |
| type       | extension of <a href="#">addressType</a>   |
| properties | base addressType   |
| children   | <a href="#">name</a> <a href="#">line1</a> <a href="#">line2</a> <a href="#">line3</a> <a href="#">line4</a> <a href="#">city</a> <a href="#">zip</a> <a href="#">country</a> <a href="#">fCopyFlag</a>  |

element *addressRecipientType/fCopyFlag*

|            |  |  |
|------------|--|--|
| diagram    |  <b>fCopyFlag</b> | indicates if this is an original or a copy merc notice |
| type       | restriction of   | <b>xs:string</b>                                       |
| properties | content<br>minOcc<br>maxOcc  | simple<br>0<br>1                                       |
| facets     | Kind<br>enumeration<br>enumeration   | Value<br><b>N</b><br><b>Y</b>                          |
| annotation | documentation  | indicates if this is an original or a copy merc notice |

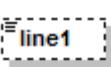
### 5.2.3 complexType addressType

|          |  |
|----------|--|
| Diagram  |   |
| children | <a href="#">name</a> <a href="#">line1</a> <a href="#">line2</a> <a href="#">line3</a> <a href="#">line4</a> <a href="#">city</a> <a href="#">zip</a> <a href="#">country</a>  |
| used by  | elements <a href="#">businessPartType</a> <a href="#">busPartAddr</a> <a href="#">reportingPartType</a> <a href="#">repPartAddr</a> <a href="#">settlingPartType</a> <a href="#">stlPartAddr</a><br>complexType <a href="#">addressRecipientType</a> |

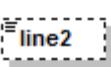
#### element addressType/name

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

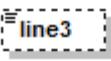
#### element addressType/line1

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

#### element addressType/line2

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

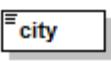
### element addressType/line3

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

### element addressType/line4

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

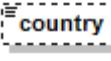
### element addressType/city

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple  |

### element addressType/zip

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content simple  |

### element addressType/country

|            |   |
|------------|---|
| diagram    |  |
| type       | restriction of <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |

## 5.2.4 complexType amtType

| diagram    |   |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
|------------|---|----------|-----------------------------|-----|------------|---|---------------------------------------|----------|-----------------------------|---|--|----------|------------------------|
| type       | extension of <a href="#">xs:decimal</a>   |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
| properties | base <a href="#">xs:decimal</a>   |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
| used by    | <p>elements <a href="#">closingBalanceType/aCIBalSC</a> <a href="#">sumSCType/aComEffBC</a> <a href="#">transactionType/aComEffBC</a><br/> <a href="#">condType/aComEffExclVatSC</a> <a href="#">sumSCType/aComEffHighSC</a> <a href="#">transactionType/aComEffHighSC</a><br/> <a href="#">topupTrxType/aComEffSC</a> <a href="#">sumSCType/aComEffSC</a> <a href="#">transactionType/aComEffSC</a><br/> <a href="#">condType/aComSpecSchemeTotSC</a> <a href="#">sumSCType/aComTotBC</a> <a href="#">transactionType/aComTotBC</a><br/> <a href="#">condType/aComTotExclVatSC</a> <a href="#">sumSCType/aComTotSC</a> <a href="#">transactionType/aComTotSC</a><br/> <a href="#">sumOCType/aDelTrxOC</a> <a href="#">sumOCType/aErrTrxOC</a> <a href="#">financialAdjustmentType/aAdjComEffSC</a><br/> <a href="#">financialAdjustmentType/aFAdiGrosSC</a> <a href="#">financialAdjustmentType/aFAdiNetSC</a><br/> <a href="#">sumSCType/aFAdiNetSC</a> <a href="#">condFullType/aFixComRateSC</a> <a href="#">sumSCType/aGrosSC</a><br/> <a href="#">transactionType/aICAcqTolssSC</a> <a href="#">condFullType/aMaxComRateSC</a><br/> <a href="#">condFullType/aMinComRateSC</a> <a href="#">sumSCType/aNetSC</a> <a href="#">openingBalanceType/aOpBalSC</a><br/> <a href="#">sumSCType/aPaymentSC</a> <a href="#">sumSCType/aRoundDiffSC</a> <a href="#">specSchemeType/aSpecSchemeSC</a><br/> <a href="#">transactionType/aSpecSchemeSC</a> <a href="#">sumSCType/aSpecSchemeSC</a> <a href="#">baseTrxType/aTipOC</a><br/> <a href="#">sumOCType/aTipOC</a> <a href="#">transactionType/aTipSC</a> <a href="#">sumSCType/aTipSC</a> <a href="#">sumSCType/aTrxGrosSC</a><br/> <a href="#">transactionType/aTrxGrosSC</a> <a href="#">sumSCType/aTrxNetSC</a> <a href="#">transactionType/aTrxNetSC</a><br/> <a href="#">topupTrxType/aTrxNetSC</a> <a href="#">topupTrxType/aTrxOC</a> <a href="#">baseTrxType/aTrxOC</a> <a href="#">sumOCType/aTrxOC</a><br/> <a href="#">sumOCType/aTrxPwcbOC</a> <a href="#">baseTrxType/aTrxPwcbOC</a> <a href="#">transactionType/aTrxPwcbSC</a><br/> <a href="#">sumSCType/aTrxPwcbSC</a></p> <p>complex type <a href="#">amtVATType</a></p> |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><a href="#">derived by: xs:string</a></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><a href="#">derived by: xs:integer</a></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>  | Name     | Type                        | Use | Annotation | c | <a href="#">derived by: xs:string</a> | required | documentation currency code | e | <a href="#">derived by: xs:integer</a> | required | documentation exponent |
| Name       | Type  | Use      | Annotation                  |     |            |   |                                       |          |                             |   |  |          |                        |
| c          | <a href="#">derived by: xs:string</a>   | required | documentation currency code |     |            |   |                                       |          |                             |   |  |          |                        |
| e          | <a href="#">derived by: xs:integer</a>  | required | documentation exponent      |     |            |   |                                       |          |                             |   |  |          |                        |

## 5.2.5 complexType amtVATType

| diagram    |  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
|------------|--|----------|-----------------------------|-----|------------|---|---------------------------------------|----------|-----------------------------|---|--|----------|------------------------|---------|----------------------------|----------|--|
| type       | extension of <a href="#">amtType</a>   |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| properties | base <a href="#">amtType</a>   |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| used by    | <a href="#">sumSCType/aVatBC</a> <a href="#">sumSCType/aVatSC</a>  |          |                             |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><a href="#">derived by: xs:string</a></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><a href="#">derived by: xs:integer</a></td> <td>required</td> <td>documentation exponent</td> </tr> <tr> <td>aVATPer</td> <td><a href="#">xs:decimal</a></td> <td>required</td> <td></td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <a href="#">derived by: xs:string</a> | required | documentation currency code | e | <a href="#">derived by: xs:integer</a> | required | documentation exponent | aVATPer | <a href="#">xs:decimal</a> | required |  |
| Name       | Type   | Use      | Annotation                  |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| c          | <a href="#">derived by: xs:string</a>  | required | documentation currency code |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| e          | <a href="#">derived by: xs:integer</a>   | required | documentation exponent      |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |
| aVATPer    | <a href="#">xs:decimal</a>   | required |                             |     |            |   |                                       |          |                             |   |  |          |                        |         |                            |          |  |

## 5.2.6 complexType *baseTrxType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     class baseTrxType {         &lt;&lt;baseTrxType&gt;&gt;     }     class trxType {         &lt;&lt;Verbal description of trxTypeId. See processor specification for allowed values.&gt;&gt;     }     class trxTypeld {         &lt;&lt;Type of the transaction. See processor specification for allowed values.&gt;&gt;     }     class passTrxId {         &lt;&lt;Unique transaction identifier of processor.&gt;&gt;     }     class trxIndicator {         &lt;&lt;Indicates chargebacks.&gt;&gt;     }     class aTrxOC {         &lt;&lt;Transaction amount in transaction currency.&gt;&gt;     }     class aTrxPwcbOC {         &lt;&lt;Cash back amount of purchase with cashback transaction in original transaction currency.&gt;&gt;     }     class aTipOC {         &lt;&lt;Tip amount in transaction currency.&gt;&gt;     }     class trxDate {         &lt;&lt;Data of sale&gt;&gt;     }     class trxTime {         &lt;&lt;Time of sale.&gt;&gt;     }     class pan {         &lt;&lt;Primary Account Number (PAN) card number. Only the first four and the last four digits are shown.&gt;&gt;     }     class authNo {         &lt;&lt;Authorisation number assigned by the issuer during authorisation process.&gt;&gt;     }     class refNo {         &lt;&lt;Authorisation reference number assigned by the processor during authorisation process.&gt;&gt;     }     class trmTrxNo {         &lt;&lt;Terminal sequence number, will not be present for manual rebookings by acquirer.&gt;&gt;     }     class ep2mercID {         &lt;&lt;Only for merchants with ep2 PMS. Merchant identifier.&gt;&gt;     }     class ep2PMSID {         &lt;&lt;Only for merchants with ep2 PMS. PMS identifier.&gt;&gt;     }     class retrRefNo {         &lt;&lt;Retrieval reference number assigned by the processor.&gt;&gt;     }     class addlMercData {         &lt;&lt;A transaction reference assigned by the merchant at the time of sale and reported back to the merchant. The purpose of this reference is to facilitate reconciliation on the merchant's side.&gt;&gt;     }     class addlStmntText {         &lt;&lt;Additional information sent by the merchant to be included into the clearing information sent to the cardholder's issuer.&gt;&gt;     }     class arn {         &lt;&lt;Acquirer reference number. Unique card scheme identifier of sales transaction.&gt;&gt;     }     class dccInd {         &lt;&lt;Identifies DCC transactions: 0 = no / 1 = yes&gt;&gt;     }     class isReversal {         &lt;&lt;Identifies reversals: 0 = no / 1 = yes&gt;&gt;     }     class entryType {         &lt;&lt;Indicates how cardholder authentication data has been entered. See processor specification for allowed values.&gt;&gt;     }     class caseId {         &lt;&lt;Unique identifier of chargeback case.&gt;&gt;     }     class origTrxDate {         &lt;&lt;Original date of original sale.&gt;&gt;     }     class remark {         &lt;&lt;Verbal description of further bookings&gt;&gt;     }     class accountIndex {         &lt;&lt;For shared terminal usage (multi-account). Indicates submitting party.&gt;&gt;     }      baseTrxType &lt; -- trxType     baseTrxType &lt; -- trxTypeld     baseTrxType &lt; -- passTrxId     baseTrxType &lt; -- trxIndicator     baseTrxType &lt; -- aTrxOC     baseTrxType &lt; -- aTrxPwcbOC     baseTrxType &lt; -- aTipOC     baseTrxType &lt; -- trxDate     baseTrxType &lt; -- trxTime     baseTrxType &lt; -- pan     baseTrxType &lt; -- authNo     baseTrxType &lt; -- refNo     baseTrxType &lt; -- trmTrxNo     baseTrxType &lt; -- ep2mercID     baseTrxType &lt; -- ep2PMSID     baseTrxType &lt; -- retrRefNo     baseTrxType &lt; -- addlMercData     baseTrxType &lt; -- addlStmntText     baseTrxType &lt; -- arn     baseTrxType &lt; -- dccInd     baseTrxType &lt; -- isReversal     baseTrxType &lt; -- entryType     baseTrxType &lt; -- caseId     baseTrxType &lt; -- origTrxDate     baseTrxType &lt; -- remark     baseTrxType &lt; -- accountIndex   </pre> |
| children | <a href="#">trxType</a> <a href="#">trxTypeld</a> <a href="#">passTrxId</a> <a href="#">trxIndicator</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aTipOC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">pan</a> <a href="#">authNo</a> <a href="#">refNo</a><br><a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">retrRefNo</a> <a href="#">addlMercData</a> <a href="#">addlStmntText</a> <a href="#">arn</a> <a href="#">dccInd</a> <a href="#">isReversal</a> <a href="#">entryType</a>  |

|         |  |
|---------|--|
|         | <u>caseId</u> <u>origTrxDate</u> <u>remark</u> <u>accountIndex</u> |
| used by | complexType <u>errTransactionType</u>                              |

### element *baseTrxType/trxType*

|            |  |
|------------|--|
| diagram    | <p>Verbal description of trxTypeId. See processor specification for allowed values.</p>        |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Verbal description of trxTypeId. See processor specification for allowed values. |

### element *baseTrxType/trxTypeld*

|            |  |
|------------|--|
| diagram    | <p>Type of the transaction. See processor specification for allowed values.</p>        |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Type of the transaction. See processor specification for allowed values. |

### element *baseTrxType/passTrxId*

|            |   |
|------------|---|
| diagram    | <p>Unique transaction identifier of processor.</p>        |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Unique transaction identifier of processor. |

### element *baseTrxType/trxIndicator*

|            |                                      |
|------------|--------------------------------------|
| diagram    | <p>Indicates chargebacks.</p>        |
| type       | <b>xs:string</b>                     |
| properties | content simple                       |
| annotation | documentation Indicates chargebacks. |

## element baseTrxType/aTrxOC

| diagram    | <pre> classDiagram     class aTrxOC {         &lt;&lt;Transaction amount in transaction currency.&gt;&gt;     }     class amtType {         &lt;&lt;amtType&gt;&gt;         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt; Currency code         &lt;&lt;e&gt;&gt; exponent     }     aTrxOC "1" -- "1" amtType   </pre>                               |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Transaction amount in transaction currency.  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element baseTrxType/aTrxPwcbOC

| diagram    | <pre> classDiagram     class aTrxPwcbOC {         &lt;&lt;Cash back amount of purchase with cashback transactions in original transaction currency.&gt;&gt;     }     class amtType {         &lt;&lt;amtType&gt;&gt;         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt; Currency code         &lt;&lt;e&gt;&gt; exponent     }     aTrxPwcbOC "1" -- "1" amtType   </pre> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <thead> <tr> <th>content</th> <th>complex</th> </tr> <tr> <th>minOcc</th> <td>0</td> </tr> <tr> <th>maxOcc</th> <td>1</td> </tr> </thead> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>                         | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Cash back amount of purchase with cashback transactions in original transaction currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element baseTrxType/aTipOC

|            |  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| diagram    | <pre> classDiagram     class aTipOC {         &lt;&lt;Tip amount in transaction currency.&gt;&gt;     }     class amtType {         &lt;&lt;amtType&gt;&gt;         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt; Currency code         &lt;&lt;e&gt;&gt; exponent     }     aTipOC --&gt; amtType   </pre> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| type       | <b>amtType</b>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <tr> <td>Name</td><td>Type</td><td>Use</td><td>Annotation</td></tr> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </table>     | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Tip amount in transaction currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element baseTrxType/trxDate

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class trxDate {         &lt;&lt;Date of sale&gt;&gt;     }   </pre> |
| type       | <b>xs:date</b>   |
| properties | content simple   |
| annotation | documentation Date of sale   |

## element baseTrxType/trxTime

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class trxTime {         &lt;&lt;Time of sale.&gt;&gt;     }   </pre> |
| type       | <b>xs:time</b>  |
| properties | content simple  |
| annotation | documentation Time of sale  |

## element baseTrxType/pan

|            |  |      |       |           |    |
|------------|--|------|-------|-----------|----|
| diagram    | <pre> classDiagram     class pan {         &lt;&lt;Primary Account Number (PAN)/card number. Only the first six and the last four digits are shown.&gt;&gt;     }   </pre> |      |       |           |    |
| type       | restriction of <b>xs:string</b>  |      |       |           |    |
| properties | content simple   |      |       |           |    |
| facets     | <table> <tr> <td>Kind</td><td>Value</td></tr> <tr> <td>maxLength</td><td>19</td></tr> </table>   | Kind | Value | maxLength | 19 |
| Kind       | Value  |      |       |           |    |
| maxLength  | 19   |      |       |           |    |
| annotation | documentation Primary Account Number (PAN)/card number. Only the first six and the last four digits are shown.   |      |       |           |    |

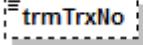
## element baseTrxType/authNo

|            |  |
|------------|--|
| diagram    |  <p>Authorisation number assigned by the issuer during authorisation process.</p> |
| type       | restriction of <b>xs:string</b>  |
| properties | content simple   |
| facets     | Kind Value<br>maxLength 6  |
| annotation | documentation Authorisation number assigned by the issuer during authorisation process.  |

## element baseTrxType/refNo

|            |   |
|------------|---|
| diagram    |  <p>Authorisation reference number assigned by the processor during authorisation process.</p> |
| type       | restriction of <b>xs:string</b>   |
| properties | content simple  |
| facets     | Kind Value<br>maxLength 24  |
| annotation | documentation Authorisation reference number assigned by the processor during authorisation process.  |

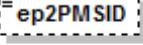
## element baseTrxType/trmTrxNo

|            |   |
|------------|---|
| diagram    |  <p>Terminal sequence number, will not be present for manual rebookings by acquirer.</p> |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Terminal sequence number, will not be present for manual rebookings by acquirer.  |

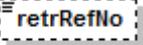
## element baseTrxType/ep2merclD

|            |  |
|------------|--|
| diagram    |  <p>Only for merchants with ep2 PMS. Merchant identifier.</p> |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Only for merchants with ep2 PMS. Merchant identifier.  |

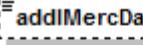
## element baseTrxType/ep2PMSID

|            |   |
|------------|---|
| diagram    |  <b>ep2PMSID</b><br>Only for merchants with ep2 PMS, PMS identifier. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Only for merchants with ep2 PMS. PMS identifier.  |

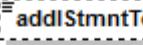
## element baseTrxType/retrRefNo

|            |   |
|------------|---|
| diagram    |  <b>retrRefNo</b><br>Retrieval reference number assigned by the processor. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Retrieval reference number assigned by the processor.   |

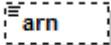
## element baseTrxType/addlMercData

|            |   |
|------------|---|
| diagram    |  <b>addlMercData</b><br>A transaction reference assigned by the merchant at the „point of sale“ and reported back to the merchant. The purpose of this reference is to facilitate reconciliation at the merchant's side. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation A transaction reference assigned by the merchant at the „point of sale“ and reported back to the merchant. The purpose of this reference is to facilitate reconciliation at the merchant's side.  |

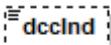
## element baseTrxType/addlStmntText

|            |   |
|------------|---|
| diagram    |  <b>addlStmntText</b><br>Additional information sent by the merchant to be included into the clearing information sent to the cardholder's issuer. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Additional information sent by the merchant to be included into the clearing information sent to the cardholder's issuer.   |

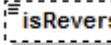
## element baseTrxType/arn

|            |  |
|------------|--|
| diagram    |  <b>arn</b><br>Acquirer reference number,<br>Unique card scheme<br>identifier of sales transaction. |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Acquirer reference number, Unique card scheme identifier of sales transaction.   |

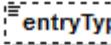
## element baseTrxType/dccInd

|            |   |
|------------|---|
| diagram    |  <b>dccInd</b><br>Identifies DCC transactions:<br>0 = no / 1 = yes |
| type       | restriction of <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| facets     | Kind Value<br>enumeration 0<br>enumeration 1  |
| annotation | documentation Identifies DCC transactions: 0 = no / 1 = yes   |

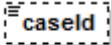
## element baseTrxType/isReversal

|            |  |
|------------|--|
| diagram    |  <b>isReversal</b><br>Identifies reversals: 0 = no /<br>1 = yes |
| type       | restriction of <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| facets     | Kind Value<br>enumeration 0<br>enumeration 1   |
| annotation | documentation Identifies reversals: 0 = no / 1 = yes   |

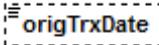
## element baseTrxType/entryType

|            |  |
|------------|--|
| diagram    |  <b>entryType</b><br>Indicates how cardholder<br>authentication data has been<br>entered. See processor<br>specification for allowed<br>values. |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Indicates how cardholder authentication data has been entered. See processor specification for allowed values.   |

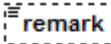
## element baseTrxType/caseId

|            |   |
|------------|---|
| diagram    |  Unique identifier of chargeback case. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Unique identifier of chargeback case.   |

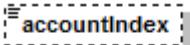
## element baseTrxType/origTrxDate

|            |  |
|------------|--|
| diagram    |  Date of original sale. |
| type       | <b>xs:date</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Date of original sale.   |

## element baseTrxType/remark

|            |  |
|------------|--|
| diagram    |  Verbal description of further booking details. |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Verbal description of further booking details.   |

## element baseTrxType/accountIndex

|            |  |
|------------|--|
| diagram    |  For shared terminal usage (multi-account). Indicates submitting party. |
| type       | restriction of <b>xs:int</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation For shared terminal usage (multi-account). Indicates submitting party.   |

## 5.2.7 complexType *businessPartType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     businessPartType &lt; -- contract     businessPartType &lt; -- sum     businessPartType --&gt; passBusPartId : ...     businessPartType --&gt; busPartAddr : ...     businessPartType --&gt; branchOfficeId : ...   </pre> <p><b>contract</b>  0..∞<br/>Aggregation by contract.<br/>E.g. presence, E-Commerce, etc.</p> <p><b>passBusPartId</b><br/>Unique identifier of point of sale (business partner).</p> <p><b>busPartAddr</b> <br/>Address of point of sale</p> <p><b>branchOfficeId</b><br/>Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> <p><b>sum</b> <br/>Aggregation by currency.</p> |
| children | <a href="#">contract</a> <a href="#">passBusPartId</a> <a href="#">busPartAddr</a> <a href="#">branchOfficeId</a> <a href="#">sum</a>   |
| used by  | element <a href="#">paymentType/businessPart</a>  |

## element *businessPartType/contract*

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     businessPartType/contract &lt; -- contractType     businessPartType/contract &lt; -- sum     businessPartType/contract --&gt; stlEntry : ...     businessPartType/contract --&gt; extVPNo : ...     businessPartType/contract --&gt; contractCategory : ...   </pre> <p><b>contract</b>  0..∞<br/>Aggregation by contract.<br/>E.g. presence, E-Commerce, etc.</p> <p><b>contractType (extension)</b></p> <p><b>stlEntry</b>  0..∞<br/>Booking entry on the technical merchant settlement account.</p> <p><b>extVPNo</b><br/>Unique identifier for point of sale and contract</p> <p><b>contractCategory</b><br/>Category of acceptance contract. See documentation for allowed values.</p> <p><b>sum</b> <br/>Aggregation by currency.</p> |         |         |        |   |        |           |
| type       | extension of <a href="#">contractType</a>  |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 0  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <a href="#">stlEntry</a> <a href="#">extVPNo</a> <a href="#">contractCategory</a> <a href="#">sum</a>  |         |         |        |   |        |           |
| annotation | documentation Aggregation by contract. E.g. presence, E-Commerce, etc.   |         |         |        |   |        |           |

## element *businessPartType/passBusPartId*

|            |  |
|------------|--|
| diagram    | <p><b>passBusPartId</b><br/>Unique identifier of point of sale (business partner).</p> |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Unique identifier of point of sale (business partner).                   |

## element *businessPartType/busPartAddr*

|            |   |
|------------|---|
| diagram    | <p><b>busPartAddr</b><br/>Address of point of sale</p> <p>The diagram shows a complex type named <b>addressType</b> enclosed in a yellow dashed box. It contains the following elements:</p> <ul style="list-style-type: none"> <li><b>name</b></li> <li><b>line1</b></li> <li><b>line2</b></li> <li><b>line3</b></li> <li><b>line4</b></li> <li><b>city</b></li> <li><b>zip</b></li> <li><b>country</b></li> </ul> <p>A connection line links the <b>busPartAddr</b> element to the <b>addressType</b> complex type.</p> |
| type       | <a href="#"><b>addressType</b></a>  |
| properties | content complex   |
| children   | <a href="#"><b>name</b></a> <a href="#"><b>line1</b></a> <a href="#"><b>line2</b></a> <a href="#"><b>line3</b></a> <a href="#"><b>line4</b></a> <a href="#"><b>city</b></a> <a href="#"><b>zip</b></a> <a href="#"><b>country</b></a>   |
| annotation | documentation Address of point of sale  |

## element *businessPartType/branchOfficeId*

|            |  |
|------------|--|
| diagram    | <p><b>branchOfficeId</b><br/>Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> |
| type       | restriction of <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Merchant or acquirer defined identifier for a subsidiary or branch office (store)                    |

## element *businessPartType/sum*

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <pre> classDiagram     sum "1" --o "*" sum1SCManyOCType     sum1SCManyOCType "1" --o sumSC     sum1SCManyOCType "1" --o sumOC "0..oo"     sumSC "Aggregation by merchant settlement currency"     sumOC "Aggregation by transaction currency"   </pre> |         |         |        |   |        |   |
| type       | <a href="#">sum1SCManyOCType</a>   |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <a href="#">sumSC</a> <a href="#">sumOC</a>  |         |         |        |   |        |   |
| annotation | documentation Aggregation by currency.   |         |         |        |   |        |   |

## 5.2.8 complexType *closingBalanceType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     closingBalanceType "*" --o aCIBalSC     aCIBalSC "1" --o clBalDate     aCIBalSC "1" --o clBalReason     aCIBalSC "1" : The balance of the technical merchant account which has been closed for this period. Always accompanied by a technical reopening of the account with the same balance.     clBalDate : Date when the balance of the technical merchant account couldn't be settled.     clBalReason : Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values.   </pre> |
| children | <a href="#">aCIBalSC</a> <a href="#">clBalDate</a> <a href="#">clBalReason</a>  |
| used by  | element <a href="#">paymentType/closingBalance</a>  |

## element *closingBalanceType/aCIBalSC*

|            |  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| diagram    | <p>The balance of the technical merchant account which has been closed for this period. Always accompanied by a technical reopening of the account with the same balance.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| type       | <u>amtType</u>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <tr> <td>Name</td><td>Type</td><td>Use</td><td>Annotation</td></tr> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation The balance of the technical merchant account which has been closed for this period. Always accompanied by a technical reopening of the account with the same balance.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

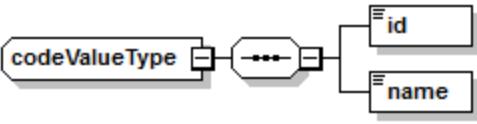
## element *closingBalanceType/cIBalDate*

|            |  |
|------------|--|
| diagram    | <p>Date when the balance of the technical merchant account couldn't be settled.</p>        |
| type       | <b>xs:date</b>   |
| properties | content simple   |
| annotation | documentation Date when the balance of the technical merchant account couldn't be settled. |

## element *closingBalanceType/cIBalReason*

|            |  |
|------------|--|
| diagram    | <p>Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values.</p>        |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values. |

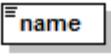
### 5.2.9 complexType *codeValueType*

|          |   |
|----------|---|
| diagram  |  |
| children | <a href="#">id</a> <a href="#">name</a>   |
| used by  | element <a href="#">transactionType/clearingRegion</a>                            |

#### element *codeValueType/id*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:int</b>   |
| properties | content simple  |

#### element *codeValueType/name*

|            |  |
|------------|--|
| diagram    |  |
| type       | <b>xs:string</b>   |
| properties | content simple   |

### 5.2.10 complexType *condFullType*

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class condType {         condCode         specScheme "0..∞"         aComEffExclVatSC         aComTotExclVatSC         aComSpecSchemeTotSC     }     class condFullType {         &lt; -- condType         aFixComRateSC         aMinComRateSC         percComRate         aMaxComRateSC         tariffDetail     }     condType "++" -- "++" condFullType   </pre> |
|            | extension of <a href="#">condType</a>   |
| properties | base <a href="#">condType</a>   |
| children   | <a href="#">condCode</a> <a href="#">specScheme</a> <a href="#">aComEffExclVatSC</a> <a href="#">aComTotExclVatSC</a> <a href="#">aComSpecSchemeTotSC</a> <a href="#">aFixComRateSC</a> <a href="#">aMinComRateSC</a> <a href="#">percComRate</a> <a href="#">aMaxComRateSC</a> <a href="#">tariffDetail</a>  |
| used by    | element <a href="#">sumSCType/sumCond</a>   |

## element condFullType/aFixComRateSC

| diagram    | <p>aFixComRateSC<br/>Fix amount of charged tariff in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Fix amount of charged tariff in merchant settlement currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element condFullType/aMinComRateSC

| diagram    | <p>aMinComRateSC<br/>Minimum amount of charged tariff in merchant settlement currency.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Minimum amount of charged tariff in merchant settlement currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element condFullType/percComRate

|                |  |         |        |                |   |        |   |
|----------------|--|---------|--------|----------------|---|--------|---|
| diagram        | <p>percComRate<br/>Percentage of charged tariff.</p>   |         |        |                |   |        |   |
| type           | restriction of <b>xs:decimal</b>   |         |        |                |   |        |   |
| properties     | <table> <tr> <td>content</td><td>simple</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table> | content | simple | minOcc         | 0 | maxOcc | 1 |
| content        | simple   |         |        |                |   |        |   |
| minOcc         | 0  |         |        |                |   |        |   |
| maxOcc         | 1  |         |        |                |   |        |   |
| facets         | <table> <tr> <td>Kind</td><td>Value</td></tr> <tr> <td>fractionDigits</td><td>4</td></tr> </table>                                 | Kind    | Value  | fractionDigits | 4 |        |   |
| Kind           | Value  |         |        |                |   |        |   |
| fractionDigits | 4  |         |        |                |   |        |   |
| annotation     | documentation Percentage of charged tariff.  |         |        |                |   |        |   |

## element condFullType/aMaxComRateSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;Currency code&gt;&gt;         &lt;&lt;e&gt;&gt;         &lt;&lt;exponent&gt;&gt;     }     class aMaxComRateSC {         &lt;&lt;Maximum amount of charged tariff in merchant settlement currency.&gt;&gt;     }     amtType "1" *-- "1" aMaxComRateSC   </pre> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|---|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>                                    | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type  | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>  | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>   | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Maximum amount of charged tariff in merchant settlement currency.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element condFullType/tariffDetail

|            |  |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| diagram    | <pre> classDiagram     class condFullType {         &lt;&lt;tariffDetail&gt;&gt;     }     class tariffDetail {         &lt;&lt;Detail information to applied tariff. Only used for interchange fee conditions.&gt;&gt;     }     condFullType "1" *-- "1" tariffDetail   </pre> |         |        |        |   |        |   |
| type       | <b>xs:string</b>   |         |        |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>simple</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>   | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |
| annotation | documentation Detail information to applied tariff. Only used for interchange fee conditions.  |         |        |        |   |        |   |

### 5.2.11 complexType *condType*

|          |  |
|----------|--|
| diagram  | <pre> classDiagram     class condType {         condCode         specScheme "0..∞"         aComEffExclVatSC         aComTotExclVatSC         aComSpecSchemeTotSC     }     condType &lt; -- condCode     condType &lt; -- specScheme     condType &lt; -- aComEffExclVatSC     condType &lt; -- aComTotExclVatSC     condType &lt; -- aComSpecSchemeTotSC   </pre> |
| children | <a href="#">condCode</a> <a href="#">specScheme</a> <a href="#">aComEffExclVatSC</a> <a href="#">aComTotExclVatSC</a> <a href="#">aComSpecSchemeTotSC</a>  |
| used by  | complexType <a href="#">condFullType</a>   |

### element *condType/condCode*

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class condCode {         xs:string     }   </pre>   |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Technical code for price position of merchant service charge |

## element condType/specScheme

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class specSchemeType {         programID         schemeType         aSpecSchemeSC     }     specScheme "0..oo" --&gt; specSchemeType   </pre> |         |         |        |   |        |           |
| type       | <a href="#">specSchemeType</a>   |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>                          | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 0  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <a href="#">programID</a> <a href="#">schemeType</a> <a href="#">aSpecSchemeSC</a>   |         |         |        |   |        |           |

## element condType/aComEffExclVatSC

| diagram    | <pre> classDiagram     class amtType {         attributes             c             e     }   </pre>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Effective amount for this price position (including possible rebates) applied to this transaction in the merchant's settlement currency in the acquirer's main currency.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element condType/aComTotExclVatSC

| diagram    | <p>aComTotExclVatSC<br/>Total price position applied to this transaction in the merchant's settlement currency.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Total price position applied to this transaction in the merchant's settlement currency.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element condType/aComSpecSchemeTotSC

| diagram    | <p>aComSpecSchemeTotSC<br/>Amount of this price position paid by a third party.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Amount of this price position paid by a third party.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

### 5.2.12 complexType contractType

|          |   |
|----------|---|
| diagram  | <pre> sequenceDiagram     participant contractType     participant stlEntry     participant extVPNo     participant contractCategory     participant sum      contractType --&gt; stlEntry     contractType --&gt; sum     stlEntry --&gt; extVPNo     stlEntry --&gt; contractCategory     sum --&gt; contractCategory     sum --&gt; sum   </pre> |
| children | <a href="#">stlEntry</a> <a href="#">extVPNo</a> <a href="#">contractCategory</a> <a href="#">sum</a>   |
| used by  | element <a href="#">businessPartType/contract</a>   |

### element contractType/stlEntry

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     participant stlEntryType     participant stlEntry     participant fAdj     participant sumSlip      stlEntryType &lt; -- stlEntry     stlEntryType &lt; -- choice     choice --&gt; fAdj     choice --&gt; sumSlip   </pre> |         |         |        |   |        |           |
| type       | <a href="#">stlEntryType</a>   |         |         |        |   |        |           |
| properties | <table border="1"> <tr> <td>content</td> <td>complex</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>unbounded</td> </tr> </table>   | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 0  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <a href="#">fAdj</a> <a href="#">sumSlip</a>   |         |         |        |   |        |           |
| annotation | documentation Booking entry on the technical merchant settlement account.  |         |         |        |   |        |           |

### element contractType/extVPNo

|            |   |         |        |        |   |        |   |
|------------|---|---------|--------|--------|---|--------|---|
| diagram    | <pre> classDiagram     participant extVPNo   </pre>   |         |        |        |   |        |   |
| type       | <a href="#">xs:string</a>   |         |        |        |   |        |   |
| properties | <table border="1"> <tr> <td>content</td> <td>simple</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple  |         |        |        |   |        |   |
| minOcc     | 0   |         |        |        |   |        |   |
| maxOcc     | 1   |         |        |        |   |        |   |
| annotation | documentation Unique identifier for point of sale and contract  |         |        |        |   |        |   |

## element *contractType/contractCategory*

|            |  |
|------------|--|
| diagram    | <p><b>contractCategory</b></p> <p>Category of acceptance contract. See documentation for allowed values.</p> |
| type       | <b>xs:integer</b>  |
| properties | content simple   |
| annotation | documentation Category of acceptance contract. See documentation for allowed values.                         |

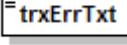
## element *contractType/sum*

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <p><b>sum</b></p> <p>Aggregation by currency.</p> <p><b>sum1SCManyOCType</b></p> <p><b>sumSC</b> +</p> <p>Aggregation by merchant settlement currency</p> <p><b>sumOC</b> +</p> <p>0..∞</p> <p>Aggregation by transaction currency</p> |         |         |        |   |        |   |
| type       | <b>sum1SCManyOCType</b>  |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td> <td>complex</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <b>sumSC</b> <b>sumOC</b>  |         |         |        |   |        |   |
| annotation | documentation Aggregation by currency.   |         |         |        |   |        |   |

### 5.2.13 complexType *errTransactionType*

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class errTransactionType {         &lt;&lt;extension of baseTrxType&gt;&gt;         &lt;&lt;children: trxType, trxTypeld, passTrxId, trxIndicator, aTrxOC, aTrxPwcbOC, aTipOC, trxDate, trxTime, pan, authNo, refNo, trmTrxNo, ep2mercID, ep2PMSID, retrRefNo, addlMercData, addlStmntText, arn, dccInd, isReversal, entryType, caseld, origTrxDate, remark, accountIndex, trxErrTxt&gt;&gt;     }     class baseTrxType {         &lt;&lt;extension&gt;&gt;         &lt;&lt;children: trxType, trxTypeld, passTrxId, trxIndicator, aTrxOC, aTrxPwcbOC, aTipOC, trxDate, trxTime, pan, authNo, refNo, trmTrxNo, ep2mercID, ep2PMSID, retrRefNo, addlMercData, addlStmntText, arn, dccInd, isReversal, entryType, caseld, origTrxDate, remark, accountIndex, trxErrTxt&gt;&gt;     }     errTransactionType &lt; -- baseTrxType   </pre> <p>The diagram illustrates the structure of the <i>errTransactionType</i> complex type. It is an extension of the <i>baseTrxType</i>. The <i>errTransactionType</i> contains the following attributes:</p> <ul style="list-style-type: none"> <li><b>trxType</b>: Verbal description of <i>trxTypeld</i>. See processor specification for allowed values.</li> <li><b>trxTypeld</b>: Type of the transaction. See processor specification for allowed values.</li> <li><b>passTrxId</b>: Unique transaction identifier of processor.</li> <li><b>trxIndicator</b>: Indicates chargebacks.</li> <li><b>aTrxOC</b>: Transaction amount in transaction currency.</li> <li><b>aTrxPwcbOC</b>: Cash back amount for purchase with cashback transactions in original transaction currency.</li> <li><b>aTipOC</b>: Tip amount in transaction currency.</li> <li><b>trxDate</b>: Date of sale.</li> <li><b>trxTime</b>: Time of sale.</li> <li><b>pan</b>: Primary Account Number (PAN)/card number. Only the first four and the last four digits are shown.</li> <li><b>authNo</b>: Authorization number assigned by the issuer during authorization process.</li> <li><b>refNo</b>: Authorization reference number assigned by the processor during authorization process.</li> <li><b>trmTrxNo</b>: Terminal reference number, will not be present for manual rebokings by processor.</li> <li><b>ep2mercID</b>: Only for merchants with ep2 PMS. Merchant identifier.</li> <li><b>ep2PMSID</b>: Only for merchants with ep2 PMS. PMS identifier.</li> <li><b>retrRefNo</b>: Retrieval reference number assigned by the processor.</li> <li><b>addlMercData</b>: A processing reference assigned by the merchant at the point of sale and reported to the acquirer and merchant. The purpose of this field is to facilitate reconciliation at the merchant's side.</li> <li><b>addlStmntText</b>: Additional statement text sent by the merchant to be included into the clearing information sent to the cardholder's issuer.</li> <li><b>arn</b>: Acquirer reference number. Unique identifier of sales transaction.</li> <li><b>dccInd</b>: Identifies DCC transactions: 0 = no / 1 = yes</li> <li><b>isReversal</b>: Used for reversals: 0 = no / 1 = yes</li> <li><b>entryType</b>: Indicates how cardholder authentication information has been entered. See processor specification for allowed values.</li> <li><b>caseld</b>: Unique identifier of chargeback case.</li> <li><b>origTrxDate</b>: Date of original sale.</li> <li><b>remark</b>: Further description of further booking details.</li> <li><b>accountIndex</b>: For shared terminal usage (multiple terminals per submitting party).</li> <li><b>trxErrTxt</b>: Reason for rejection.</li> </ul> |
| type       | extension of <a href="#">baseTrxType</a>   |
| properties | base <a href="#">baseTrxType</a>   |
| children   | <a href="#">trxType</a> <a href="#">trxTypeld</a> <a href="#">passTrxId</a> <a href="#">trxIndicator</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aTipOC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">pan</a> <a href="#">authNo</a> <a href="#">refNo</a> <a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">retrRefNo</a> <a href="#">addlMercData</a> <a href="#">addlStmntText</a> <a href="#">arn</a> <a href="#">dccInd</a> <a href="#">isReversal</a> <a href="#">entryType</a> <a href="#">caseld</a> <a href="#">origTrxDate</a> <a href="#">remark</a> <a href="#">accountIndex</a> <a href="#">trxErrTxt</a>   |
| used by    | element <a href="#">summarySlipType/errTrx</a>   |

## element *errTransactionType/trxErrTxt*

|            |   |
|------------|---|
| diagram    |  <b>trxErrTxt</b><br>Reason for rejection. |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Reason for rejection.   |

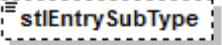
### 5.2.14 complexType *financialAdjustmentType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     class financialAdjustmentType {         stlEntryType         stlEntrySubType         prod         fAdjDate         passStlEntryNo         aFAdjNetSC         aFAdjGrosSC         aFAdjComEffSC         vatPercentage         fAdjText         txtElem         topupTrx     }     financialAdjustmentType "1..∞" -- "1..∞" :&gt; stlEntryType     financialAdjustmentType "1..∞" -- "1..∞" :&gt; stlEntrySubType     financialAdjustmentType "1..∞" -- "1..∞" :&gt; prod     financialAdjustmentType "1..∞" -- "1..∞" :&gt; fAdjDate     financialAdjustmentType "1..∞" -- "1..∞" :&gt; passStlEntryNo     financialAdjustmentType "1..∞" -- "1..∞" :&gt; aFAdjNetSC     financialAdjustmentType "1..∞" -- "1..∞" :&gt; aFAdjGrosSC     financialAdjustmentType "1..∞" -- "1..∞" :&gt; aFAdjComEffSC     financialAdjustmentType "1..∞" -- "1..∞" :&gt; vatPercentage     financialAdjustmentType "1..∞" -- "1..∞" :&gt; fAdjText     financialAdjustmentType "1..∞" -- "1..∞" :&gt; txtElem     financialAdjustmentType "0..∞" -- "1..∞" :&gt; topupTrx   </pre> <p>The diagram illustrates the structure of the <i>financialAdjustmentType</i> complex type. It consists of several elements:</p> <ul style="list-style-type: none"> <li><b>stlEntryType</b>: Identifies the cause of a financial adjustment. See acquirer specification for allowed values.</li> <li><b>stlEntrySubType</b>: Code indicating further details for monthly service charges. Currently only used for some <i>stlEntryTypes</i> to distinguish between credit/debit.</li> <li><b>prod</b>: Acceptance product of this financial adjustment. See processor specification for allowed values.</li> <li><b>fAdjDate</b>: Booking date of the financial adjustment.</li> <li><b>passStlEntryNo</b>: Unique identifier of the financial adjustment.</li> <li><b>aFAdjNetSC</b>: Booked amount. Only for <i>StlEntryType</i> 48 "Refund of disputed transaction": <i>aFAdjGrosSC-aFAdjComEffSC</i>.</li> <li><b>aFAdjGrosSC</b>: Identical to <i>aFAdjNetSC</i>. Only for <i>stlEntryType</i> 48 "Refund of disputed transaction": gross amount of the disputed transaction.</li> <li><b>aFAdjComEffSC</b>: Only for <i>stlEntryType</i> 48 "Refund for disputed transaction": Merchant service charge of disputed transaction.</li> <li><b>vatPercentage</b>: If charged service is VAT applicable: VAT percentage.</li> <li><b>fAdjText</b>: Verbal description of further booking details.</li> <li><b>txtElem</b>: Generated description of further booking details. This is a choice between <i>fAdjText</i> and a set of <i>txtElem</i>.</li> <li><b>topupTrx</b>: Details of sold mobile vouchers. Only for merchants accepting Swiss mobile vouchers and <i>stlEntryType</i> 36 "FAdj_Mob_Voucher".</li> </ul> |
| children | <a href="#">stlEntryType</a> <a href="#">stlEntrySubType</a> <a href="#">prod</a> <a href="#">fAdjDate</a> <a href="#">passStlEntryNo</a> <a href="#">aFAdjNetSC</a> <a href="#">aFAdjGrosSC</a> <a href="#">aFAdjComEffSC</a> <a href="#">vatPercentage</a> <a href="#">fAdjText</a> <a href="#">txtElem</a> <a href="#">topupTrx</a>  |
| used by  | element <a href="#">paymentType/fAdj</a> <a href="#">stlEntryType/fAdj</a>  |

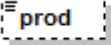
## element *financialAdjustmentType/stlEntryType*

|            |   |
|------------|---|
| diagram    |  <b>stlEntryType</b><br>Identifies the cause of a financial adjustment. See acquirer specification for allowed values. |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Identifies the cause of a financial adjustment. See acquirer specification for allowed values.  |

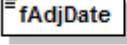
## element *financialAdjustmentType/stlEntrySubType*

|            |   |
|------------|---|
| diagram    |  <b>stlEntrySubType</b><br>Code indicating further details for monthly service charges. Currently only used for some stlEntryTypes to distinguish between credit/debit |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Code indicating further details for monthly service charges. Currently only used for some stlEntryTypes to distinguish between credit/debit   |

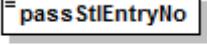
## element *financialAdjustmentType/prod*

|            |   |
|------------|---|
| diagram    |  <b>prod</b><br>Acceptance product of this financial adjustment. See processor specification for allowed values. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Acceptance product of this financial adjustment. See processor specification for allowed values.  |

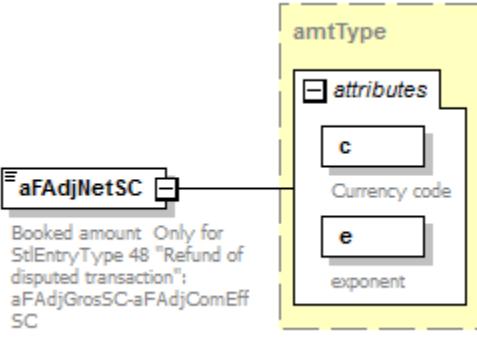
## element *financialAdjustmentType/fAdjDate*

|            |   |
|------------|---|
| diagram    |  <b>fAdjDate</b><br>Booking date of the financial adjustment |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation Booking date of the financial adjustment  |

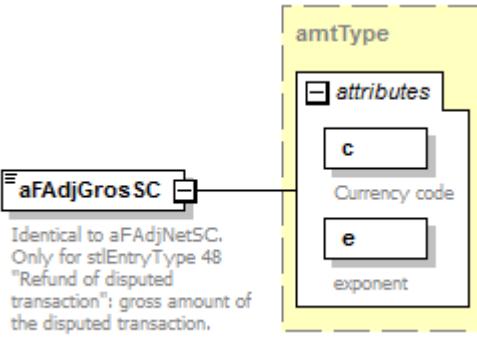
## element *financialAdjustmentType/passStlEntryNo*

|            |   |
|------------|---|
| diagram    |  |
|            | <p><b>passStlEntryNo</b></p> <p>Unique identifier of the financial adjustment</p> |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Unique identifier of the financial adjustment                       |

## element *financialAdjustmentType/aFAdjNetSC*

| diagram    |    |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
|            | <p><b>aFAdjNetSC</b></p> <p>Booked amount Only for StlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC</p>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| type       | <u><a href="#">amtType</a></u>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Booked amount. Only for StlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element *financialAdjustmentType/aFAdjGrosSC*

| diagram    |   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
|            | <p><b>aFAdjGros SC</b></p> <p>Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction": gross amount of the disputed transaction.</p>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| type       | <u><a href="#">amtType</a></u>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction": gross amount of the disputed transaction.  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

### element *financialAdjustmentType/aFAdjComEffSC*

| diagram    | <p>Only for stlEntryType 48 "Refund for disputed transaction": Merchant service charge of disputed transaction.</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <b>amtType</b>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Only for stlEntryType 48 "Refund for disputed transaction": Merchant service charge of disputed transaction.   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

### element *financialAdjustmentType/vatPercentage*

|            |  |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| diagram    | <p>If charged service is VAT applicable: VAT percentage</p>  |         |        |        |   |        |   |
| type       | <b>xs:decimal</b>  |         |        |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>simple</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |
| annotation | documentation If charged service is VAT applicable: VAT percentage   |         |        |        |   |        |   |

### element *financialAdjustmentType/fAdjText*

|            |  |         |        |
|------------|--|---------|--------|
| diagram    | <p>Verbal description of further booking details.</p>        |         |        |
| type       | <b>xs:string</b>   |         |        |
| properties | <table> <tr> <td>content</td><td>simple</td></tr> </table>   | content | simple |
| content    | simple   |         |        |
| annotation | documentation Verbal description of further booking details. |         |        |

## element *financialAdjustmentType/txtElem*

|            |  |
|------------|--|
| diagram    | <p>The diagram shows a UML class 'txtElementType' with a yellow fill. It has an association named 'txtElem' with multiplicity '1..∞'. A note below the association says 'Generated description of further booking details.' Inside the class boundary, there is an 'id' attribute and another association named 'value' with multiplicity '1..∞'. This 'value' association connects to five attributes: 'valueString', 'valueDecimal', 'valueDate', 'valueLong', and 'valueBoolean'.</p> |
| type       | <a href="#">txtElementType</a>   |
| properties | content complex<br>minOcc 1<br>maxOcc unbounded  |
| children   | <a href="#">id</a> <a href="#">valueString</a> <a href="#">valueDecimal</a> <a href="#">valueDate</a> <a href="#">valueLong</a> <a href="#">valueBoolean</a>   |
| annotation | documentation Generated description of further booking details.  |

## element *financialAdjustmentType/topupTrx*

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class topupTrxType {         trxType         origin         aTrxOC         aComEffSC         aTrxNetSC         trxDate         trxTime         trmTrxNo         ep2mercID         ep2PMSID         trmId         trmPer         prod     }     class topupTrx {         *--&gt; topupTrxType     }     note over topupTrx: Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers.   </pre> |         |         |        |   |        |           |
| type       | <a href="#">txtElementType</a>   |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 0  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <a href="#">trxType</a> <a href="#">origin</a> <a href="#">aTrxOC</a> <a href="#">aComEffSC</a> <a href="#">aTrxNetSC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">trmId</a> <a href="#">trmPer</a> <a href="#">prod</a>  |         |         |        |   |        |           |
| annotation | <p>documentation    Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers.</p>  |         |         |        |   |        |           |

### 5.2.15 complexType *mercNoticeConfigType*

|          |  |
|----------|--|
| diagram  | <pre> classDiagram     mercNoticeConfigType &lt; -- mercNoticeUniqueId     mercNoticeConfigType &lt; -- mercNoticeDate     mercNoticeConfigType &lt; -- noticePerFrom     mercNoticeConfigType &lt; -- noticePerTo   </pre> <p>The diagram illustrates the structure of the <i>mercNoticeConfigType</i>. It is a base class from which four other classes inherit: <i>mercNoticeUniqueId</i>, <i>mercNoticeDate</i>, <i>noticePerFrom</i>, and <i>noticePerTo</i>. Each derived class has its own associated documentation text.</p> |
| children | <a href="#">mercNoticeUniqueId</a> <a href="#">mercNoticeDate</a> <a href="#">noticePerFrom</a> <a href="#">noticePerTo</a>  |
| used by  | element <a href="#">merchantReconciliationXML/mercNoticeHeader</a>   |

### element *mercNoticeConfigType/mercNoticeUniqueId*

|            |  |
|------------|--|
| diagram    | <p><b>mercNoticeUniqueId</b><br/>Unique identifier of this merchant notice</p> |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Unique identifier of this merchant notice                        |

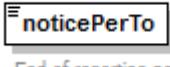
### element *mercNoticeConfigType/mercNoticeDate*

|            |  |
|------------|--|
| diagram    | <p><b>mercNoticeDate</b><br/>Creation date of this merchant notice</p> |
| type       | <b>xs:date</b>   |
| properties | content simple   |
| annotation | documentation Creation date of this merchant notice                    |

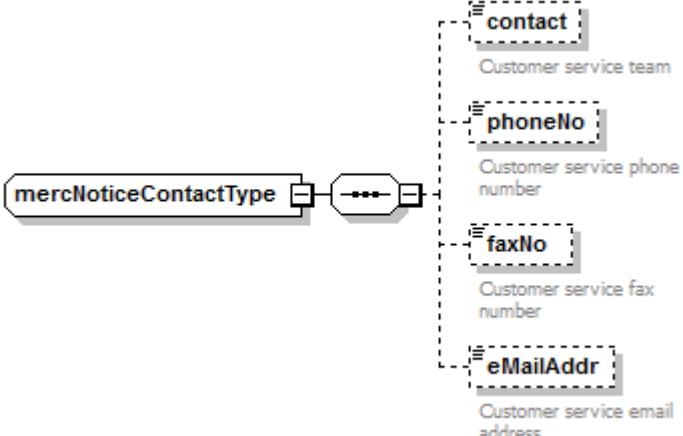
### element *mercNoticeConfigType/noticePerFrom*

|            |   |
|------------|---|
| diagram    | <p><b>noticePerFrom</b><br/>Beginning of reporting period</p> |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation Beginning of reporting period                   |

## element *mercNoticeConfigType/noticePerTo*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation End of reporting period   |

## 5.2.16 complexType *mercNoticeContactType*

|          |   |
|----------|---|
| diagram  |               |
| children | <a href="#">contact</a> <a href="#">phoneNo</a> <a href="#">faxNo</a> <a href="#">eMailAddr</a> |
| used by  | element <a href="#">merchantReconciliationXML/acqContact</a>                                    |

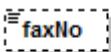
## element *mercNoticeContactType/contact*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content Simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Customer service team   |

## element *mercNoticeContactType/phoneNo*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content Simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Customer service phone number   |

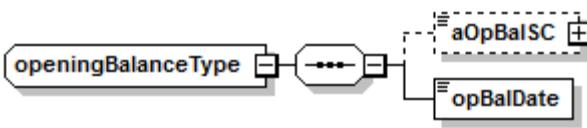
## element *mercNoticeContactType/faxNo*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content Simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Customer service fax number   |

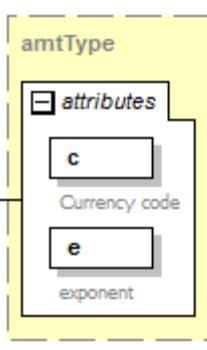
## element *mercNoticeContactType/eMailAddr*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content Simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Customer service email address                                      |

### 5.2.17 complexType *openingBalanceType*

|          |   |
|----------|---|
| diagram  |  |
| children | <a href="#">aOpBalSC</a> <a href="#">opBalDate</a>                                  |
| used by  | element <a href="#">aOpBalSC</a> <a href="#">opBalDate</a>                          |

## element *openingBalanceType/aOpBalSC*

|            |  |
|------------|--|
| diagram    |   |
| type       | <b>amtType</b>   |
| properties | content complex<br>minOcc 0<br>maxOcc 1  |
| attributes | Name Type Use Annotation<br>c derived by: xs:string required documentation currency code<br>e derived by: xs:integer required documentation exponent |

## element *openingBalanceType/opBalDate*

|            |                |
|------------|----------------|
| diagram    |                |
| type       | <b>xs:date</b> |
| properties | content simple |

## 5.2.18 complexType *paymentType*

|          |  |
|----------|--|
| diagram  | <pre> sequenceDiagram     participant PT as paymentType     participant BP as businessPart     participant FA as fAdj     participant OB as openingBalance     participant CB as closingBalance     participant PTP as paymentType     participant PD as paymentDate     participant PN as paymentNo     participant ESRN as extSettlingRefNo     participant VD as valueDate     participant S as sum      PT-&gt;&gt;BP:      activate BP     BP--&gt;&gt;FA:      activate FA     FA--&gt;&gt;OB:      activate OB     OB--&gt;&gt;CB:      activate CB     CB--&gt;&gt;PTP:      activate PTP     PTP--&gt;&gt;PD:      activate PD     PD--&gt;&gt;PN:      activate PN     PN--&gt;&gt;ESRN:      activate ESRN     ESRN--&gt;&gt;VD:      activate VD     VD--&gt;&gt;S:      deactivate VD     deactivate ESRN     deactivate PN     deactivate PD     deactivate PTP     deactivate CB     deactivate OB     deactivate FA     deactivate BP   </pre> |
| children | <a href="#">businessPart</a> <a href="#">fAdj</a> <a href="#">openingBalance</a> <a href="#">closingBalance</a> <a href="#">paymentType</a> <a href="#">paymentDate</a> <a href="#">paymentNo</a> <a href="#">extSettlingRefNo</a> <a href="#">valueDate</a> <a href="#">sum</a>   |
| used by  | element <a href="#">stlAccountType/payment</a>   |

## element *paymentType/businessPart*

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class businessPartType {         contract * 0..∞         businessPart * 0..∞         sum +         passBusPartId         busPartAddr         branchOfficeId     }     businessPart "0..∞" -- "*" businessPartType :      businessPartType "*" -- "*" contract :      businessPartType "*" -- "*" sum :      businessPartType "*" -- "*" passBusPartId :      businessPartType "*" -- "*" busPartAddr :      businessPartType "*" -- "*" branchOfficeId :    </pre> <p>The diagram illustrates the <code>businessPartType</code> element. It contains the following components:</p> <ul style="list-style-type: none"> <li><b>contract</b>: Aggregation by contract. E.g. presence, E-Commerce, etc.</li> <li><b>businessPart</b>: Aggregation by point of sale (business partner).</li> <li><b>sum</b>: Aggregation by currency.</li> <li><b>passBusPartId</b>: Unique identifier of point of sale (business partner).</li> <li><b>busPartAddr</b>: Address of point of sale.</li> <li><b>branchOfficeId</b>: Merchant or acquirer defined identifier for a subsidiary or branch office (store).</li> </ul> |         |         |        |   |        |           |
| type       | <u><a href="#">businessPartType</a></u>  |         |         |        |   |        |           |
| properties | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 0  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <u><a href="#">contract</a></u> <u><a href="#">passBusPartId</a></u> <u><a href="#">busPartAddr</a></u> <u><a href="#">branchOfficeId</a></u> <u><a href="#">sum</a></u>   |         |         |        |   |        |           |
| annotation | documentation Aggregation by point of sale (business partner)  |         |         |        |   |        |           |

## element *paymentType/fAdj*

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class financialAdjustmentType {         stlEntryType         stlEntrySubType         prod         fAdjDate         passStlEntryNo         aAdjNetSC         aAdjGrosSC         aAdjComEffSC         vatPercentage         fAdjText         txtElem         topupTrx     }     fAdj "0..∞" --&gt; financialAdjustmentType     topupTrx "0..∞" --&gt; financialAdjustmentType     txtElem "1..∞" --&gt; financialAdjustmentType     Note over financialAdjustmentType: Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc.   </pre> |         |         |        |   |        |           |
| type       | <a href="#">financialAdjustmentType</a>   |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 0   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">stlEntryType</a> <a href="#">stlEntrySubType</a> <a href="#">prod</a> <a href="#">fAdjDate</a> <a href="#">passStlEntryNo</a> <a href="#">aAdjNetSC</a> <a href="#">aAdjGrosSC</a> <a href="#">aAdjComEffSC</a> <a href="#">vatPercentage</a> <a href="#">fAdjText</a> <a href="#">txtElem</a> <a href="#">topupTrx</a>   |         |         |        |   |        |           |
| annotation | <p>documentation</p> <p>Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc.</p>  |         |         |        |   |        |           |

## element paymentType/openingBalance

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <p><b>openingBalanceType</b></p> <p><b>aOpBalSC</b> +</p> <p><b>opBalDate</b></p> <p>Only for paymentType "N". If a technical merchant account couldn't be paid out at the end of a payment period, the account has been reopened with the account's last balance.</p> |         |         |        |   |        |   |
| type       | <a href="#">openingBalanceType</a>   |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <a href="#">aOpBalSC</a> <a href="#">opBalDate</a>   |         |         |        |   |        |   |
| annotation | <p>documentation Only for paymentType "N". If a technical merchant account couldn't be paid out at the end of a payment period, the account has been reopened with the account's last balance.</p>   |         |         |        |   |        |   |

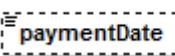
## element paymentType/closingBalance

|            |   |         |         |        |   |        |   |
|------------|---|---------|---------|--------|---|--------|---|
| diagram    | <p><b>closingBalanceType</b></p> <p><b>aCIBalSC</b> +</p> <p>The balance of the technical merchant account which has been closed for this period. Always accompanied by a technical reopening of the account with the same balance.</p> <p><b>clBalDate</b></p> <p>Date when the balance of the technical merchant account couldn't be settled.</p> <p><b>clBalReason</b></p> <p>Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values.</p> |         |         |        |   |        |   |
| type       | <a href="#">openingBalanceType</a>  |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex   |         |         |        |   |        |   |
| minOcc     | 0   |         |         |        |   |        |   |
| maxOcc     | 1   |         |         |        |   |        |   |
| children   | <a href="#">aCIBalSC</a> <a href="#">clBalDate</a> <a href="#">clBalReason</a>  |         |         |        |   |        |   |
| annotation | <p>documentation Only for paymentType "N". If a technical merchant account couldn't be paid out at the end of a payment period, the account has been closed with the account's current balance.</p>   |         |         |        |   |        |   |

## element paymentType/paymentType

| diagram     |  <p>"P": Payment instructions for merchant settlement have been sent. "N": The balance of the technical merchant account couldn't be paid out.</p> |      |       |             |   |             |   |
|-------------|---|------|-------|-------------|---|-------------|---|
| type        | restriction of <b>xs:string</b>   |      |       |             |   |             |   |
| properties  | content simple  |      |       |             |   |             |   |
| facets      | <table> <thead> <tr> <th>Kind</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>enumeration</td> <td>P</td> </tr> <tr> <td>enumeration</td> <td>N</td> </tr> </tbody> </table>  | Kind | Value | enumeration | P | enumeration | N |
| Kind        | Value   |      |       |             |   |             |   |
| enumeration | P   |      |       |             |   |             |   |
| enumeration | N   |      |       |             |   |             |   |
| annotation  | documentation "P": Payment instructions for merchant settlement have been sent. "N": The balance of the technical merchant account couldn't be paid out.  |      |       |             |   |             |   |

## element paymentType/paymentDate

| diagram    |  <p>Only for paymentType "P". The date when the the payment instruction has been sent.</p> |         |        |        |   |        |   |
|------------|---|---------|--------|--------|---|--------|---|
| type       | <b>xs:date</b>  |         |        |        |   |        |   |
| properties | <table> <thead> <tr> <th>content</th> <th>simple</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table>  | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple  |         |        |        |   |        |   |
| minOcc     | 0   |         |        |        |   |        |   |
| maxOcc     | 1   |         |        |        |   |        |   |
| annotation | documentation Only for paymentType "P". The date when the the payment instruction has been sent.  |         |        |        |   |        |   |

## element paymentType/paymentNo

| diagram    |  <p>Only for paymentType "P". Unique identifier of payment.</p>                         |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| type       | <b>xs:string</b>   |         |        |        |   |        |   |
| properties | <table> <thead> <tr> <th>content</th> <th>simple</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |
| annotation | documentation Only for paymentType "P". Unique identifier of payment.  |         |        |        |   |        |   |

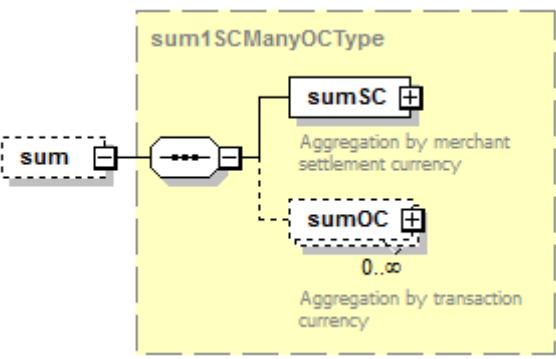
## element paymentType/extSettlingRefNo

| diagram    |   |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| type       | <b>xs:long</b>   |         |        |        |   |        |   |
| properties | <table> <thead> <tr> <th>content</th> <th>simple</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |

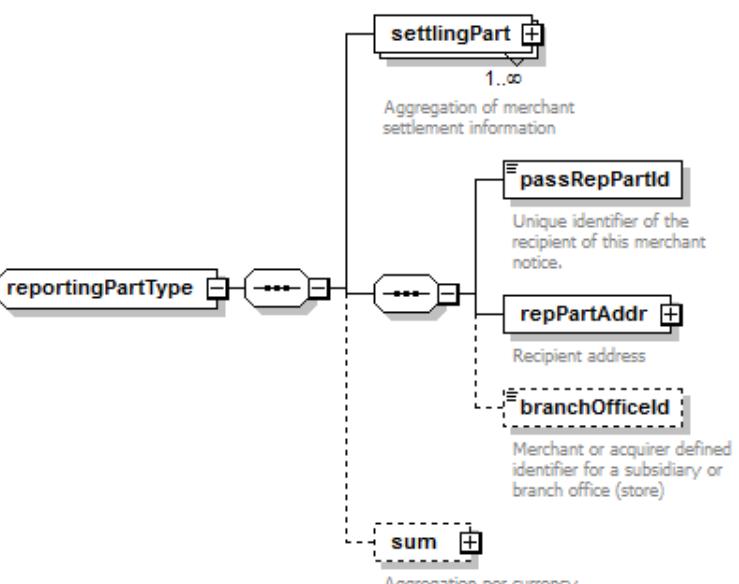
## element *paymentType/valueDate*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:date</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Only for paymentType "P". Value date of sent payment instruction.   |

## element *paymentType/sum*

|            |  |
|------------|--|
| diagram    |  |
| type       | <b>sum1SCManyOCType</b>  |
| properties | content complex<br>minOcc 0<br>maxOcc 1  |
| children   | <a href="#">sumSC</a> <a href="#">sumOC</a>  |

## 5.2.19 complexType *reportingPartType*

|          |   |
|----------|---|
| diagram  |   |
| children | <a href="#">settlingPart</a> <a href="#">passRepPartId</a> <a href="#">repPartAddr</a> <a href="#">branchOfficeId</a> <a href="#">sum</a> |
| used by  | element <a href="#">merchantReconciliationXML/reportingPart</a>   |

## element reportingPartType/settlingPart

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class settlingPartType {         +stlAccount         +settlingPart     }     stlAccount "1..∞" --&gt; settlingPartType :      settlingPart "1..∞" --&gt; settlingPartType :      stlAccount "1..∞" --&gt; passStlPartId :      settlingPart --&gt; stlPartAddr :      settlingPart --&gt; branchOfficeld :      stlPartAddr --&gt; sum :    </pre> <p><b>settlingPartType</b></p> <ul style="list-style-type: none"> <li><b>stlAccount</b>: Aggregation by technical merchant settlement account of the processor.</li> <li><b>settlingPart</b>: Aggregation of merchant settlement information.</li> <li><b>passStlPartId</b>: Unique identification of an owner of technical settlement accounts.</li> <li><b>stlPartAddr</b>: Address of an technical settlement account's owner.</li> <li><b>branchOfficeld</b>: Merchant or acquirer defined identifier for a subsidiary or branch office (store).</li> <li><b>sum</b>: Aggregation by currency.</li> </ul> |         |         |        |   |        |           |
| type       | <a href="#">settlingPartType</a>  |         |         |        |   |        |           |
| properties | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 1 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 1   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">stlAccount</a> <a href="#">passStlPartId</a> <a href="#">stlPartAddr</a> <a href="#">branchOfficeld</a> <a href="#">sum</a>   |         |         |        |   |        |           |
| annotation | documentation Aggregation of merchant settlement information  |         |         |        |   |        |           |

## element reportingPartType/passRepPartId

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class reportingPartType {         +passRepPartId     }     reportingPartType --&gt; passRepPartId :    </pre> <p><b>reportingPartType</b></p> <ul style="list-style-type: none"> <li><b>passRepPartId</b>: Unique identifier of the recipient of this merchant notice.</li> </ul> |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Unique identifier of the recipient of this merchant notice.  |

## element reportingPartType/repPartAddr

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class repPartAddr {         &lt;&lt;Recipient address&gt;&gt;     }     class addressType {         name         line1         line2         line3         line4         city         zip         country     }     repPartAddr "1" --&gt; "1" addressType   </pre> |
| type       | <a href="#">addressType</a>  |
| properties | content complex  |
| children   | <a href="#">name</a> <a href="#">line1</a> <a href="#">line2</a> <a href="#">line3</a> <a href="#">line4</a> <a href="#">city</a> <a href="#">zip</a> <a href="#">country</a>  |
| annotation | documentation Recipient address  |

## element reportingPartType/branchOfficeId

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class branchOfficeId {         &lt;&lt;Merchant or acquirer defined identifier for a subsidiary or branch office (store)&gt;&gt;     }   </pre> |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Merchant or acquirer defined identifier for a subsidiary or branch office (store)  |

## element reportingPartType/sum

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class sum {         &lt;&lt;Aggregation per currency&gt;&gt;     }     class sumManySCManyOCType {         sumSC "1..∞" --&gt; "1..∞" sumManySCManyOCType         sumOC "0..∞" --&gt; "0..∞" sumManySCManyOCType     }     sum "1" --&gt; "1" sumManySCManyOCType   </pre> |
| type       | <a href="#">sumManySCManyOCType</a>   |
| properties | content complex<br>minOcc 0<br>maxOcc 1   |
| children   | <a href="#">sumSC</a> <a href="#">sumOC</a>   |
| annotation | documentation Aggregation per currency  |

## 5.2.20 complexType settlingPartType

|            |   |
|------------|---|
| diagram    | <p>Aggregation by technical merchant settlement account of the processor</p> <p><b>passStlPartId</b>: Unique identification of an owner of technical settlement accounts.</p> <p><b>stlPartAddr</b>: Address of a technical settlement account's owner.</p> <p><b>branchOfficeId</b>: Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> <p><b>sum</b>: Aggregation by currency.</p> |
| children   | <a href="#">stlAccount</a> <a href="#">passStlPartId</a> <a href="#">stlPartAddr</a> <a href="#">branchOfficeId</a> <a href="#">sum</a>   |
| annotation | element <a href="#">reportingPartType/settlingPart</a>  |

## element settlingPartType/stlAccount

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <p>Aggregation by technical merchant settlement account of the processor</p> <p><b>payment</b>: Aggregation by merchant settlement (payment)</p> <p><b>bcnr</b>: Clearing number of the merchant's bank</p> <p><b>bic</b>: Bank Identifier Code / SWIFTID of merchant's bank account</p> <p><b>acctNo</b>: Account number of the merchant's bank</p> <p><b>passStlAcctNo</b>: Unique identifier of the technical merchant settlement account</p> <p><b>iban</b>: IBAN of the merchant's account</p> <p><b>product</b>: If technical account allows only settlement of a specific acceptance product: See processor specification for allowed values. No restriction on acceptance products: ALL</p> <p><b>stlCurCode</b>: Merchant settlement currency</p> <p><b>sum</b>: Aggregation by currency</p> |         |         |        |   |        |           |
| type       | <a href="#">stlAccountType</a>  |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 1 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 1   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">payment</a> <a href="#">bcnr</a> <a href="#">bic</a> <a href="#">acctNo</a> <a href="#">passStlAcctNo</a> <a href="#">iban</a> <a href="#">product</a> <a href="#">stlCurCode</a> <a href="#">sum</a>   |         |         |        |   |        |           |
| annotation | documentation Aggregation by technical merchant settlement account of the processor   |         |         |        |   |        |           |

## element settlingPartType/passStlPartId

|            |  |
|------------|--|
| diagram    | <p><b>passStlPartId</b></p> <p>Unique identification of an owner of technical settlement accounts.</p> |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Unique identification of an owner of technical settlement accounts.                      |

## element settlingPartType/stlPartAddr

|            |   |
|------------|---|
| diagram    | <p><b>stlPartAddr</b></p> <p>Address of an technical settlement account's owner.</p> <p><b>addressType</b></p> <ul style="list-style-type: none"> <li>- <b>name</b></li> <li>- <b>line1</b></li> <li>- <b>line2</b></li> <li>- <b>line3</b></li> <li>- <b>line4</b></li> <li>- <b>city</b></li> <li>- <b>zip</b></li> <li>- <b>country</b></li> </ul> |
| type       | <b>addressType</b>  |
| properties | content complex   |
| children   | <b>name line1 line2 line3 line4 city zip country</b>  |
| annotation | documentation Address of a technical settlement account's owner.  |

## element settlingPartType/branchOfficeId

|            |   |
|------------|---|
| diagram    | <p><b>branchOfficeId</b></p> <p>Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Merchant or acquirer defined identifier for a subsidiary or branch office (store)                       |

## element settlingPartType/sum

|            |   |         |         |        |   |        |   |
|------------|---|---------|---------|--------|---|--------|---|
| diagram    | <pre> classDiagram     class sumManySCManyOCType {         sumSC "1..∞"         sumOC "0..∞"     }     sum &lt;--&gt; sumSC : Aggregation by currency.   </pre> |         |         |        |   |        |   |
| type       | <a href="#">sumManySCManyOCType</a>   |         |         |        |   |        |   |
| properties | <table border="1"> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>                  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex   |         |         |        |   |        |   |
| minOcc     | 0   |         |         |        |   |        |   |
| maxOcc     | 1   |         |         |        |   |        |   |
| children   | <a href="#">sumSC</a> <a href="#">sumOC</a>   |         |         |        |   |        |   |
| annotation | documentation Aggregation by currency.  |         |         |        |   |        |   |

## 5.2.21 complexType specSchemeType

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class specSchemeType {         programID         schemeType         aSpecSchemeSC     }     specSchemeType &lt;--&gt; programID : Merchants can participate in a sharing scheme for the incurred merchant service charges. Within such a scheme, all or part of the merchant service charges are carried by a third party.   </pre> |
| children   | <a href="#">programID</a> <a href="#">schemeType</a> <a href="#">aSpecSchemeSC</a>   |
| used by    | element <a href="#">condType/specScheme</a>  |
| annotation | documentation Merchants can participate in a sharing scheme for the incurred merchant service charges. Within such a scheme, all or part of the merchant service charges are carried by a third party.   |

## element specSchemeType/programID

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class programID   </pre>      |
| type       | <b>xs:string</b>                                     |
| properties | content simple                                       |
| annotation | documentation Unique identifier of a sharing scheme. |

## element specSchemeType/schemeType

|            |  |
|------------|--|
| diagram    | <p><b>schemeType</b></p> <p>Describes the type of a sharing scheme for merchant service charges. See processor specification for allowed values.</p> |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Describes the type of a sharing scheme for merchant service charges. See processor specification for allowed values.                   |

## element specSchemeType/aSpecSchemeSC

| diagram    | <p><b>aSpecSchemeSC</b></p> <p>Amount of the merchant service charge paid by a third party in the merchant's currency.</p> <p><b>amtType</b></p> <p><b>attributes</b></p> <ul style="list-style-type: none"> <li>c Currency code</li> <li>e exponent</li> </ul>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <b>amtType</b>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Amount of the merchant service charge paid by a third party in the merchant's currency.  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

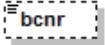
## 5.2.22 complexType *stlAccountType*

|          |  |
|----------|--|
| diagram  | <pre> classDiagram     class stlAccountType     class payment     class bcnr     class bic     class acctNo     class passStlAcctNo     class iban     class product     class stlCurCode     class sum      stlAccountType "1..∞" -- "payment" :      stlAccountType "1..∞" -- "bcnr" :      stlAccountType "1..∞" -- "bic" :      stlAccountType "1..∞" -- "acctNo" :      stlAccountType "1..∞" -- "passStlAcctNo" :      stlAccountType "1..∞" -- "iban" :      stlAccountType "1..∞" -- "product" :      stlAccountType "1..∞" -- "stlCurCode" :      stlAccountType "1..∞" -- "sum" :   </pre> <p>The diagram illustrates the structure of the <i>stlAccountType</i> complex type. It features a central <i>stlAccountType</i> element connected via aggregation relationships to several other elements: <i>payment</i>, <i>bcnr</i>, <i>bic</i>, <i>acctNo</i>, <i>passStlAcctNo</i>, <i>iban</i>, <i>product</i>, <i>stlCurCode</i>, and <i>sum</i>. Each relationship is marked with a multiplicity of "1..∞". A dashed line indicates a boundary, with the text "Aggregation by merchant settlement (payment)" positioned above it.</p> |
| children | <a href="#">payment</a> <a href="#">bcnr</a> <a href="#">bic</a> <a href="#">acctNo</a> <a href="#">passStlAcctNo</a> <a href="#">iban</a> <a href="#">product</a> <a href="#">stlCurCode</a> <a href="#">sum</a>  |
| used by  | element <a href="#">settlingPartType/stlAccount</a>  |

## element stlAccountType/payment

|            |  |         |         |        |   |        |           |
|------------|--|---------|---------|--------|---|--------|-----------|
| diagram    |  |         |         |        |   |        |           |
| type       | <a href="#">paymentType</a>  |         |         |        |   |        |           |
| properties | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>  | content | complex | minOcc | 1 | maxOcc | unbounded |
| content    | complex  |         |         |        |   |        |           |
| minOcc     | 1  |         |         |        |   |        |           |
| maxOcc     | unbounded  |         |         |        |   |        |           |
| children   | <a href="#">businessPart</a> <a href="#">fAdj</a> <a href="#">openingBalance</a> <a href="#">closingBalance</a> <a href="#">paymentType</a> <a href="#">paymentDate</a> <a href="#">paymentNo</a> <a href="#">extSettlingRefNo</a> <a href="#">valueDate</a> <a href="#">sum</a> |         |         |        |   |        |           |
| annotation | documentation Aggregation by merchant settlement (payment)   |         |         |        |   |        |           |

## element *stlAccountType/bcnr*

|            |  |
|------------|--|
| diagram    |  Clearing number of the merchant's bank |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Clearing number of the merchant's bank   |

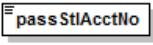
## element *stlAccountType/bic*

|            |  |
|------------|--|
| diagram    |  Bank Identifier Code / SWIFTID of merchant's bank account. |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Bank Identifier Code / SWIFTID of merchant's bank account.   |

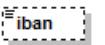
## element *stlAccountType/acctNo*

|            |   |
|------------|---|
| diagram    |  Account number of the merchant's bank |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Account number of the merchant's bank   |

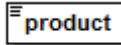
## element *stlAccountType/passStlAcctNo*

|            |  |
|------------|--|
| diagram    |  Unique identifier of the technical merchant settlement account |
| type       | <b>xs:integer</b>  |
| properties | content simple   |
| annotation | documentation Unique identifier of the technical merchant settlement account   |

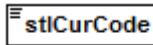
## element *stlAccountType/iban*

|            |  |
|------------|--|
| diagram    |  IBAN of the merchant's account |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation IBAN of the merchant's account   |

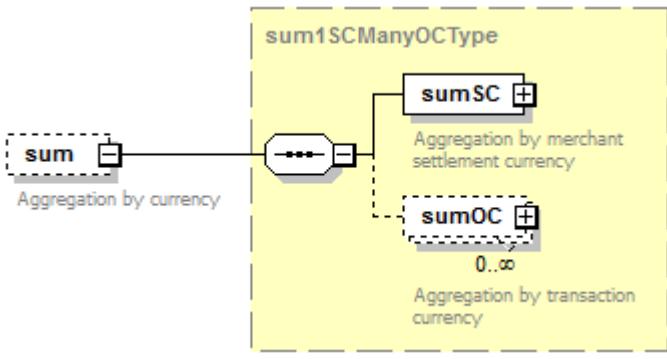
## element *stlAccountType/product*

|            |   |
|------------|---|
| diagram    | <br>If technical account allows only settlement of a specific acceptance product: See processor specification for allowed values. No restriction on acceptance products: ALL |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation If technical account allows only settlement of a specific acceptance product: See processor specification for allowed values. No restriction on acceptance products: ALL  |

## element *stlAccountType/stlCurCode*

|            |   |
|------------|---|
| diagram    | <br>Merchant settlement currency |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Merchant settlement currency  |

## element *stlAccountType/sum*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>sum1SCManyOCType</b>   |
| properties | content complex<br>minOcc 0<br>maxOcc 1   |
| children   | <b>sumSC sumOC</b>  |
| annotation | documentation Aggregation by currency.  |

### 5.2.23 complexType *stlEntryType*

|          |   |
|----------|---|
| diagram  | <p>The diagram illustrates the <i>stlEntryType</i> complex type as a choice element. It consists of two options: <i>fAdj</i> and <i>sumSlip</i>. The <i>fAdj</i> option is described as a financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product. The <i>sumSlip</i> option is described as a delivery group as received by the processor.</p> |
| children | <a href="#">fAdj</a> <a href="#">sumSlip</a>  |
| used by  | element <a href="#">contractType/stlEntry</a>   |

## element *stlEntryType/fAdj*

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <pre> classDiagram     class financialAdjustmentType {         stlEntryType         stlEntrySubType         prod         fAdjDate         passStlEntryNo         aAdjNetSC         aAdjGrosSC         aAdjComEffSC         vatPercentage         fAdjText         txtElem         topupTrx     }     fAdj --&gt; financialAdjustmentType     fAdj --&gt; stlEntryType     fAdj --&gt; stlEntrySubType     fAdj --&gt; prod     fAdj --&gt; fAdjDate     fAdj --&gt; passStlEntryNo     fAdj --&gt; aAdjNetSC     fAdj --&gt; aAdjGrosSC     fAdj --&gt; aAdjComEffSC     fAdj --&gt; vatPercentage     fAdj --&gt; fAdjText     fAdj --&gt; txtElem     fAdj --&gt; topupTrx   </pre> <p><b>Financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product.</b></p> |         |         |        |   |        |   |
| type       | <a href="#">financialAdjustmentType</a>  |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <a href="#">stlEntryType</a> <a href="#">stlEntrySubType</a> <a href="#">prod</a> <a href="#">fAdjDate</a> <a href="#">passStlEntryNo</a> <a href="#">aAdjNetSC</a> <a href="#">aAdjGrosSC</a> <a href="#">aAdjComEffSC</a> <a href="#">vatPercentage</a> <a href="#">fAdjText</a> <a href="#">txtElem</a> <a href="#">topupTrx</a>  |         |         |        |   |        |   |
| annotation | <p>documentation</p> <p>Financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product.</p>   |         |         |        |   |        |   |

## element *stlEntryType/sumSlip*

|            |  |         |         |        |   |        |   |
|------------|--|---------|---------|--------|---|--------|---|
| diagram    | <pre> classDiagram     class summarySlipType {         +trx [0..∞] : Processed transactions         +errTrx [0..∞] : Rejected transactions         +prod : Acceptance product (see processor specification for allowed values)         +sumSlipDate : Cut-off date for this period         +sumSlipTime : Cut-off time for this period         +passSumSlipId : Unique identifier for technical booking of gross amount.         +passStlEntryNo : Unique identifier for technical booking         +origin : Protocol used in delivery of transaction to processor. See documentation for allowed values.         +sumSlipId : Only for paper sales slip submissions. Identifies sales slip.         +trmId : Terminal identifier         +trmPer : Terminal period of this delivery group.         +sumSlipText :         +sumSlipRemark : Only for manually restored delivery groups. Refers to the causing incident.         +sum : Aggregation by currency     }     +sumSlip : Delivery group as received by processor.     sumSlip --&gt; summarySlipType : sumSlip   </pre> |         |         |        |   |        |   |
| type       | <a href="#">summarySlipType</a>  |         |         |        |   |        |   |
| properties | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOcc</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOcc</td><td style="padding: 2px;">1</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex  |         |         |        |   |        |   |
| minOcc     | 0  |         |         |        |   |        |   |
| maxOcc     | 1  |         |         |        |   |        |   |
| children   | <a href="#">trx</a> <a href="#">errTrx</a> <a href="#">prod</a> <a href="#">sumSlipDate</a> <a href="#">sumSlipTime</a> <a href="#">passSumSlipId</a> <a href="#">passStlEntryNo</a> <a href="#">origin</a> <a href="#">sumSlipId</a> <a href="#">trmId</a> <a href="#">trmPer</a> <a href="#">sumSlipText</a> <a href="#">sumSlipRemark</a> <a href="#">sum</a>   |         |         |        |   |        |   |
| annotation | documentation    Delivery group as received by processor.  |         |         |        |   |        |   |

### 5.2.24 complexType `sum1SC1OCType`

|          |  |
|----------|--|
| diagram  | <p>The diagram illustrates the structure of the <code>sum1SC1OCType</code> complex type. It features a central oval node labeled with three asterisks (***). Two lines connect this central node to two rectangular nodes: <code>sumSC</code> and <code>sumOC</code>. Each of these nodes contains a small square icon with a plus sign (+) in the top right corner. Below the <code>sumSC</code> node, the text "Aggregation by merchant settlement currency" is displayed. Below the <code>sumOC</code> node, the text "Aggregation by transaction currency" is displayed.</p> |
| children | <a href="#">sumSC</a> <a href="#">sumOC</a>  |
| used by  | element <a href="#">summarySlipType/sum</a>  |

## element `sum1SC1OCType/sumSC`

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     sumSCType &lt; -- sumCond     sumSCType &lt; -- noPayments     sumSCType &lt; -- noValidTrx     sumSCType &lt; -- noValidTrxWithTip     sumSCType &lt; -- noValidTrxPwcb     sumSCType &lt; -- noSumSlip     sumSCType &lt; -- aNetSC     sumSCType &lt; -- aGrosSC     sumSCType &lt; -- aPaymentSC     sumSCType &lt; -- aTrxGrosSC     sumSCType &lt; -- aTrxNetSC     sumSCType &lt; -- aTrxPwcbSC     sumSCType &lt; -- aTipSC     sumSCType &lt; -- aAdjNetSC     sumSCType &lt; -- aRoundDiffSC     sumSCType &lt; -- aComEffSC     sumSCType &lt; -- aComEffHighSC     sumSCType &lt; -- aComTotSC     sumSCType &lt; -- aComEffBC     sumSCType &lt; -- aComTotBC     sumSCType &lt; -- aSpecSchemeSC     sumSCType &lt; -- aVatSC     sumSCType &lt; -- aVatBC      sumSC &lt; -- sumSCType     sumSC &lt; -- aTipSC     sumSC &lt; -- aAdjNetSC     sumSC &lt; -- aRoundDiffSC     sumSC &lt; -- aComEffSC     sumSC &lt; -- aComEffHighSC     sumSC &lt; -- aComTotSC     sumSC &lt; -- aComEffBC     sumSC &lt; -- aComTotBC     sumSC &lt; -- aSpecSchemeSC     sumSC &lt; -- aVatSC     sumSC &lt; -- aVatBC   </pre> <p>The diagram illustrates the structure of the <code>sumSCType</code> element. It is defined by the <code>sumCond</code> element and contains several attributes representing payment details. These include the number of payments (<code>noPayments</code>), processed transactions (<code>noValidTrx</code>), transactions with tips (<code>noValidTrxWithTip</code>), purchases with cashback (<code>noValidTrxPwcb</code>), delivery groups (<code>noSumSlip</code>), net service charges (<code>aNetSC</code>), gross service charges (<code>aGrosSC</code>), payment amounts (<code>aPaymentSC</code>), delivered gross amount (<code>aTrxGrosSC</code>), merchant settlement net amounts (<code>aTrxNetSC</code>), cashback amounts (<code>aTrxPwcbSC</code>), tip amounts (<code>aTipSC</code>), adjusted net service charges (<code>aAdjNetSC</code>), rounding differences (<code>aRoundDiffSC</code>), effective merchant service charges (<code>aComEffSC</code>), unrounded effective charges (<code>aComEffHighSC</code>), total service charges (<code>aComTotSC</code>), VAT BC (<code>aComEffBC</code>), VAT total BC (<code>aComTotBC</code>), specific scheme BC (<code>aSpecSchemeSC</code>), VAT amounts (<code>aVatSC</code>), and VAT BC amounts (<code>aVatBC</code>). The <code>sumSC</code> element is a specialization of <code>sumSCType</code>, aggregating the <code>aTipSC</code>, <code>aAdjNetSC</code>, <code>aRoundDiffSC</code>, <code>aComEffSC</code>, <code>aComEffHighSC</code>, <code>aComTotSC</code>, <code>aComEffBC</code>, <code>aComTotBC</code>, <code>aSpecSchemeSC</code>, <code>aVatSC</code>, and <code>aVatBC</code> fields.</p> |
| type       | <a href="#">sumSCType</a>   |
| properties | content complex   |
| children   | <a href="#">sumCond</a> <a href="#">noPayments</a> <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noSumSlip</a> <a href="#">aNetSC</a> <a href="#">aGrosSC</a> <a href="#">aPaymentSC</a> <a href="#">aTrxGrosSC</a> <a href="#">aTrxNetSC</a> <a href="#">aTrxPwcbSC</a> <a href="#">aTipSC</a> <a href="#">aAdjNetSC</a> <a href="#">aRoundDiffSC</a> <a href="#">aComEffSC</a> <a href="#">aComEffHighSC</a> <a href="#">aComTotSC</a> <a href="#">aComEffBC</a> <a href="#">aComTotBC</a> <a href="#">aSpecSchemeSC</a> <a href="#">aVatSC</a> <a href="#">aVatBC</a>  |
| annotation | documentation Aggregation by merchant settlement currency   |

## element sum1SC1OCType/sumOC

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class sumOCType {         noValidTrx         noValidTrxWithTip         noValidTrxPwcb         noDelTrx         noSumSlip         aTrxOC         aTrxPwcbOC         aDelTrxOC         noErrTrx         aErrTrxOC         aTipOC     }     sumOC "Aggregation by transaction currency" --&gt; sumOCType   </pre> |
| type       | <a href="#">sumOCType</a>   |
| properties | content complex   |
| children   | <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noDelTrx</a> <a href="#">noSumSlip</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aDelTrxOC</a> <a href="#">noErrTrx</a> <a href="#">aErrTrxOC</a> <a href="#">aTipOC</a>                                  |
| annotation | documentation Aggregation by transaction currency   |

### 5.2.25 complexType sum1SCManyOCType

|          |  |
|----------|--|
| diagram  | <p>The diagram illustrates the structure of the complex type sum1SCManyOCType. It features a main class box labeled "sum1SCManyOCType" with a hollow rectangle symbol to its right. A solid line with a hollow rectangle symbol connects this class to another class box labeled "sumSC" with a plus sign symbol to its right. A dashed line with a hollow rectangle symbol connects "sum1SCManyOCType" to a third class box labeled "sumOC" with a plus sign symbol to its right. Below the "sumSC" box, the text "Aggregation by merchant settlement currency" is written. Below the "sumOC" box, the text "0..∞" and "Aggregation by transaction currency" are written.</p> |
| children | <a href="#">sumSC</a> <a href="#">sumOC</a>  |
| used by  | elements <a href="#">businessPartType/sum</a> <a href="#">contractType/sum</a> <a href="#">paymentType/sum</a> <a href="#">stlAccountType/sum</a>  |

## element `sum1SCManyOCType/sumSC`

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class sumSCType {         sumCond         noPayments         noValidTrx         noValidTrxWithTip         noValidTrxPwcb         noSumSlip         aNetSC         aGrosSC         aPaymentSC         aTrxGrosSC         aTrxNetSC         aTrxPwcbSC         aTipSC         aAdjNetSC         aRoundDiffSC         aComEffSC         aComEffHighSC         aComTotSC         aComEffBC         aComTotBC         aSpecSchemeSC         aVatSC         aVatBC     }     class sumSC {         &lt;&gt;         sumSCType     }     sumSC --&gt; sumSCType : Aggregation by merchant settlement currency   </pre> <p>The diagram illustrates the structure of the <code>sumSCType</code> element. It contains several attributes and their definitions:</p> <ul style="list-style-type: none"> <li><code>sumCond</code>: Merchant service charge details.</li> <li><code>noPayments</code>: Number of payments.</li> <li><code>noValidTrx</code>: Number of processed transactions.</li> <li><code>noValidTrxWithTip</code>: Number of processed transactions which include a tip.</li> <li><code>noValidTrxPwcb</code>: Number of processed purchase with cashback transactions.</li> <li><code>noSumSlip</code>: Number of processed delivery groups.</li> <li><code>aNetSC</code>: <math>= \text{aTnNetSC} + \text{aFAdjNetSC}</math>.</li> <li><code>aGrosSC</code>: <math>= \text{aTxGrosSC} + \text{aFAdjNetSC}</math>.</li> <li><code>aPaymentSC</code>: <math>= \text{aNetSC} + \text{aRoundDiffSC}</math>. This is the effective payment amount. This field is not present for non-payments.</li> <li><code>aTrxGrosSC</code>: Delivered gross amount.</li> <li><code>aTrxNetSC</code>: <math>= \text{aTxGrosSC} - \text{aComEffSC}</math>.</li> <li><code>aTrxPwcbSC</code>: Cash back amount in merchant settlement currency of purchase with cashback transactions.</li> <li><code>aTipSC</code>: Tip amount.</li> <li><code>aAdjNetSC</code>: <math>\text{aAdjNetSC}</math>.</li> <li><code>aRoundDiffSC</code>: Rounding difference in payments.</li> <li><code>aComEffSC</code>: Effective merchant service charges.</li> <li><code>aComEffHighSC</code>: Unrounded effective merchant service charges.</li> <li><code>aComTotSC</code>: optional: only present when special scheme applies.</li> <li><code>aComEffBC</code>: optional: only present when VAT applied.</li> <li><code>aComTotBC</code>: optional: only present when special scheme and VAT applies.</li> <li><code>aSpecSchemeSC</code>: optional: only present when special scheme applies.</li> <li><code>aVatSC</code>: <math>0..2</math>. If VAT is applicable: VAT amount.</li> <li><code>aVatBC</code>: <math>0..2</math>. optional: only present when vat applies.</li> </ul> <p>There is an aggregation relationship between <code>sumSC</code> and <code>sumSCType</code>, labeled "Aggregation by merchant settlement currency".</p> |
| type       | <a href="#">sumSCType</a>  |
| properties | content complex  |
| children   | <a href="#">sumCond</a> <a href="#">noPayments</a> <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noSumSlip</a> <a href="#">aNetSC</a> <a href="#">aGrosSC</a> <a href="#">aPaymentSC</a> <a href="#">aTrxGrosSC</a> <a href="#">aTrxNetSC</a> <a href="#">aTrxPwcbSC</a> <a href="#">aTipSC</a> <a href="#">aAdjNetSC</a> <a href="#">aRoundDiffSC</a> <a href="#">aComEffSC</a> <a href="#">aComEffHighSC</a> <a href="#">aComTotSC</a> <a href="#">aComEffBC</a> <a href="#">aComTotBC</a> <a href="#">aSpecSchemeSC</a> <a href="#">aVatSC</a> <a href="#">aVatBC</a>   |
| annotation | documentation Aggregation by merchant settlement currency  |

## element *sum1SCManyOCType/sumOC*

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class sumOCType {         noValidTrx         noValidTrxWithTip         noValidTrxPwcb         noDelTrx         noSumSlip         aTrxOC         aTrxPwcbOC         aDelTrxOC         noErrTrx         aErrTrxOC         aTipOC     }     sumOC "0..∞" --&gt; aTrxOC : Aggregation by transaction currency   </pre> |         |         |        |   |        |           |
| type       | <a href="#">sumOCType</a>   |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 0   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noDelTrx</a> <a href="#">noSumSlip</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aDelTrxOC</a> <a href="#">noErrTrx</a> <a href="#">aErrTrxOC</a> <a href="#">aTipOC</a>                                      |         |         |        |   |        |           |
| annotation | documentation Aggregation by transaction currency   |         |         |        |   |        |           |

### 5.2.26 complexType *sumManySCManyOCType*

|          |  |
|----------|--|
| diagram  | <p>The diagram illustrates the structure of the <i>sumManySCManyOCType</i> complex type. It features a main element <b>sumManySCManyOCType</b> represented by a rectangle with a shaded horizontal bar. This element has two associations: one to <b>sumSC</b> (multiplicity 1..oo) and another to <b>sumOC</b> (multiplicity 0..oo). A dashed box encloses the <b>sumSC</b> and <b>sumOC</b> elements, indicating they are aggregated by <b>sumManySCManyOCType</b>. Below the associations, descriptive text states "Aggregation per merchant settlement currency" for the <b>sumSC</b> association and "Aggregation per transaction currency" for the <b>sumOC</b> association.</p> |
| children | <a href="#">sumSC</a> <a href="#">sumOC</a>  |
| used by  | elements <a href="#">reportingPartType/sum</a> <a href="#">settlingPartType/sum</a>  |

## element *sumManySCManyOCType/sumSC*

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class sumSCType {         sumCond         noPayments         noValidTrx         noValidTrxWithTip         noValidTrxPwcb         noSumSlip         aNetSC         aGrosSC         aPaymentSC         aTrxGrosSC         aTrxNetSC         aTrxPwcbSC         aTipSC         aFAdjNetSC         aRoundDiffSC         aComEffSC         aComEffHighSC         aComTotSC         aComEffBC         aComTotBC         aSpecSchemeSC         aVatSC         aVatBC     }     class sumSC {         &lt;--&gt; sumSCType         &lt;--&gt; sumCond         &lt;--&gt; noPayments         &lt;--&gt; noValidTrx         &lt;--&gt; noValidTrxWithTip         &lt;--&gt; noValidTrxPwcb         &lt;--&gt; noSumSlip         &lt;--&gt; aNetSC         &lt;--&gt; aGrosSC         &lt;--&gt; aPaymentSC         &lt;--&gt; aTrxGrosSC         &lt;--&gt; aTrxNetSC         &lt;--&gt; aTrxPwcbSC         &lt;--&gt; aTipSC         &lt;--&gt; aFAdjNetSC         &lt;--&gt; aRoundDiffSC         &lt;--&gt; aComEffSC         &lt;--&gt; aComEffHighSC         &lt;--&gt; aComTotSC         &lt;--&gt; aComEffBC         &lt;--&gt; aComTotBC         &lt;--&gt; aSpecSchemeSC         &lt;--&gt; aVatSC         &lt;--&gt; aVatBC     }     sumSC "1..&gt;" sumSCType     sumSCType "0..&gt;" sumCond     sumSCType "0..&gt;" noPayments     sumSCType "0..&gt;" noValidTrx     sumSCType "0..&gt;" noValidTrxWithTip     sumSCType "0..&gt;" noValidTrxPwcb     sumSCType "0..&gt;" noSumSlip     sumSCType "0..&gt;" aNetSC     sumSCType "0..&gt;" aGrosSC     sumSCType "0..&gt;" aPaymentSC     sumSCType "0..&gt;" aTrxGrosSC     sumSCType "0..&gt;" aTrxNetSC     sumSCType "0..&gt;" aTrxPwcbSC     sumSCType "0..&gt;" aTipSC     sumSCType "0..&gt;" aFAdjNetSC     sumSCType "0..&gt;" aRoundDiffSC     sumSCType "0..&gt;" aComEffSC     sumSCType "0..&gt;" aComEffHighSC     sumSCType "0..&gt;" aComTotSC     sumSCType "0..&gt;" aComEffBC     sumSCType "0..&gt;" aComTotBC     sumSCType "0..&gt;" aSpecSchemeSC     sumSCType "0..&gt;" aVatSC     sumSCType "0..&gt;" aVatBC   </pre> <p>The diagram illustrates the structure of the <i>sumSCType</i> element. It is a complex type with several components:</p> <ul style="list-style-type: none"> <li><b>sumCond</b>: Merchant service charge details.</li> <li><b>noPayments</b>: Number of payments.</li> <li><b>noValidTrx</b>: Number of processed transactions.</li> <li><b>noValidTrxWithTip</b>: Number of processed transactions which include a tip.</li> <li><b>noValidTrxPwcb</b>: Number of processed purchase with cashback transactions.</li> <li><b>noSumSlip</b>: Number of processed delivery groups.</li> <li><b>aNetSC</b>: <math>= aTxGrosSC - aFAdjNetSC</math>.</li> <li><b>aGrosSC</b>: <math>= aTxGrosSC + aRoundDiffSC</math>.</li> <li><b>aPaymentsSC</b>: <math>= aNetSC + aRoundDiffSC</math>. This field is the effective payment amount. This field is not present for non-payments.</li> <li><b>aTrxGrosSC</b>: Delivered gross amount.</li> <li><b>aTrxNetSC</b>: <math>= aTrxGrosSC - aComEffSC</math>.</li> <li><b>aTrxPwcbSC</b>: Cash back amount in merchant settlement currency of purchase with cashback transactions.</li> <li><b>aTipSC</b>: Tip.</li> <li><b>aFAdjNetSC</b>: Adjustment net amount.</li> <li><b>aRoundDiffSC</b>: Rounding difference in payments.</li> <li><b>aComEffSC</b>: Effective merchant service charges.</li> <li><b>aComEffHighSC</b>: Unrounded effective merchant service charges.</li> <li><b>aComTotSC</b>: optional: only present when special scheme applies.</li> <li><b>aComEffBC</b>: optional: only present when VAT applies.</li> <li><b>aComTotBC</b>: optional: only present when special scheme and VAT applies.</li> <li><b>aSpecSchemeSC</b>: optional: only present when special scheme applies.</li> <li><b>aVatSC</b>: <math>0..2</math>. If VAT is applicable: VAT amount.</li> <li><b>aVatBC</b>: <math>0..2</math>. optional: only present when vat applies.</li> </ul> <p>There is an aggregation relationship between <i>sumSC</i> and <i>sumSCType</i>, indicated by a multiplicity of <math>1..\infty</math> on the <i>sumSC</i> side and <math>0..\infty</math> on the <i>sumSCType</i> side.</p> |         |         |        |   |        |           |
| type       | <a href="#">sumSCType</a>   |         |         |        |   |        |           |
| properties | <table border="1"> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>  | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 0   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">sumCond</a> <a href="#">noPayments</a> <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noSumSlip</a> <a href="#">aNetSC</a> <a href="#">aGrosSC</a> <a href="#">aPaymentSC</a> <a href="#">aTrxGrosSC</a> <a href="#">aTrxNetSC</a> <a href="#">aTrxPwcbSC</a> <a href="#">aTipSC</a> <a href="#">aFAdjNetSC</a> <a href="#">aRoundDiffSC</a> <a href="#">aComEffSC</a> <a href="#">aComEffHighSC</a> <a href="#">aComTotSC</a> <a href="#">aComEffBC</a> <a href="#">aComTotBC</a> <a href="#">aSpecSchemeSC</a> <a href="#">aVatSC</a> <a href="#">aVatBC</a>   |         |         |        |   |        |           |
| annotation | documentation Aggregation per merchant settlement currency  |         |         |        |   |        |           |

## element *sumManySCManyOCType/sumOC*

|            |   |         |         |        |   |        |           |
|------------|---|---------|---------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class sumOCType {         noValidTrx         noValidTrxWithTip         noValidTrxPwcb         noDelTrx         noSumSlip         aTrxOC         aTrxPwcbOC         aDelTrxOC         noErrTrx         aErrTrxOC         aTipOC     }     class sumOC {         aggregation         multiplicity 0..∞         association sumOCType     }     sumOC "0..∞" --&gt; sumOCType : Aggregation per transaction currency   </pre> <p>The diagram illustrates the structure of the <code>sumOCType</code> element. It contains the following attributes:</p> <ul style="list-style-type: none"> <li><code>noValidTrx</code>: Number of processed transactions.</li> <li><code>noValidTrxWithTip</code>: Number of processed transactions which include a tip.</li> <li><code>noValidTrxPwcb</code>: Number of processed purchase with cashback transactions.</li> <li><code>noDelTrx</code>: Number of delivered transactions.</li> <li><code>noSumSlip</code>: Number of processed delivery groups.</li> <li><code>aTrxOC</code>: Processed transaction gross amount.</li> <li><code>aTrxPwcbOC</code>: Cash back amount in original transaction currency of purchase with cashback transactions.</li> <li><code>aDelTrxOC</code>: Delivered transaction gross amount.</li> <li><code>noErrTrx</code>: Number of rejected transactions.</li> <li><code>aErrTrxOC</code>: Rejected gross amount.</li> <li><code>aTipOC</code>: Tip amount.</li> </ul> <p>An association named <code>sumOC</code> connects to the <code>sumOCType</code> class, with a multiplicity of <code>0..∞</code>. The association is labeled <code>Aggregation per transaction currency</code>.</p> |         |         |        |   |        |           |
| type       | <code>sumOCType</code>  |         |         |        |   |        |           |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | unbounded |
| content    | complex   |         |         |        |   |        |           |
| minOcc     | 0   |         |         |        |   |        |           |
| maxOcc     | unbounded   |         |         |        |   |        |           |
| children   | <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noDelTrx</a> <a href="#">noSumSlip</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aDelTrxOC</a><br><a href="#">noErrTrx</a> <a href="#">aErrTrxOC</a> <a href="#">aTipOC</a>   |         |         |        |   |        |           |
| annotation | documentation Aggregation by transaction currency   |         |         |        |   |        |           |

### 5.2.27 complexType *summarySlipType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     class summarySlipType {         &lt;&lt;summarySlipType&gt;&gt;     }     class trx {         &lt;&lt;Processed transactions&gt;&gt;     }     class errTrx {         &lt;&lt;Rejected transactions&gt;&gt;     }     class prod {         &lt;&lt;Acceptance product (see processor specification for allowed values)&gt;&gt;     }     class sumSlipDate {         &lt;&lt;Cut-off date for this period&gt;&gt;     }     class sumSlipTime {         &lt;&lt;Cut-off time for this period&gt;&gt;     }     class passSumSlipId {         &lt;&lt;Unique identifier for technical booking of gross amount.&gt;&gt;     }     class passStlEntryNo {         &lt;&lt;Protocol used in delivery of transaction to processor. See documentation for allowed values.&gt;&gt;     }     class origin {         &lt;&lt;Only for paper sales slip submissions. Identifies sales slip.&gt;&gt;     }     class sumSlipId {         &lt;&lt;Terminal identifier&gt;&gt;     }     class trmPer {         &lt;&lt;Terminal period of this delivery group.&gt;&gt;     }     class sumSlipText {         &lt;&lt;Only for manually restored delivery groups. Refers to the causing incident.&gt;&gt;     }     class sumSlipRemark {         &lt;&lt;Aggregation by currency&gt;&gt;     }     class sum {         &lt;&lt;sum&gt;&gt;     }      summarySlipType "1" -- "*" :&gt; trx     summarySlipType "1" -- "*" :&gt; errTrx     summarySlipType "1" -- "*" :&gt; prod     summarySlipType "1" -- "*" :&gt; sumSlipDate     summarySlipType "1" -- "*" :&gt; sumSlipTime     summarySlipType "1" -- "*" :&gt; passSumSlipId     summarySlipType "1" -- "*" :&gt; passStlEntryNo     summarySlipType "1" -- "*" :&gt; origin     summarySlipType "1" -- "*" :&gt; sumSlipId     summarySlipType "1" -- "*" :&gt; trmPer     summarySlipType "1" -- "*" :&gt; sumSlipText     summarySlipType "1" -- "*" :&gt; sumSlipRemark     summarySlipType "1" -- "*" :&gt; sum   </pre> <p>The diagram illustrates the structure of the <i>summarySlipType</i> complex type. It consists of a main element <i>summarySlipType</i> which contains several child elements: <i>trx</i>, <i>errTrx</i>, <i>prod</i>, <i>sumSlipDate</i>, <i>sumSlipTime</i>, <i>passSumSlipId</i>, <i>passStlEntryNo</i>, <i>origin</i>, <i>sumSlipId</i>, <i>trmPer</i>, <i>sumSlipText</i>, <i>sumSlipRemark</i>, and <i>sum</i>. The <i>summarySlipType</i> element has multiplicity "1" and an aggregation relationship with all its children, indicated by a hollow diamond symbol.</p> |
| children | <a href="#">trx</a> <a href="#">errTrx</a> <a href="#">prod</a> <a href="#">sumSlipDate</a> <a href="#">sumSlipTime</a> <a href="#">passSumSlipId</a> <a href="#">passStlEntryNo</a> <a href="#">origin</a> <a href="#">sumSlipId</a> <a href="#">trmPer</a> <a href="#">sumSlipText</a> <a href="#">sumSlipRemark</a> <a href="#">sum</a>  |
| used by  | element <a href="#">stlEntryType/sumSlip</a>  |



|            |                             |   |
|------------|-----------------------------|---|
| properties | content<br>minOcc<br>maxOcc | complex<br>0<br>unbounded   |
| children   |                             | <a href="#">trxType</a> <a href="#">trxTypeld</a> <a href="#">passTrxId</a> <a href="#">trxIndicator</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aTipOC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">pan</a> <a href="#">authNo</a> <a href="#">refNo</a> <a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">retrRefNo</a> <a href="#">addlMercData</a> <a href="#">addlStmntText</a> <a href="#">arn</a> <a href="#">dccInd</a> <a href="#">isReversal</a> <a href="#">entryType</a> <a href="#">caseld</a> <a href="#">origTrxDate</a> <a href="#">remark</a> <a href="#">accountIndex</a> <a href="#">xRate</a> <a href="#">aTrxGrosSC</a> <a href="#">aTrxNetSC</a> <a href="#">aTrxPwcbSC</a> <a href="#">aTipSC</a> <a href="#">aComEffSC</a> <a href="#">aComEffHighSC</a> <a href="#">aComTotSC</a> <a href="#">aComEffBC</a> <a href="#">aComTotBC</a> <a href="#">aSpecSchemeSC</a> <a href="#">cardProduct</a> <a href="#">unBlendCat</a> <a href="#">clearingRegion</a> <a href="#">aICAcqTolssSC</a> |
| annotation | documentation               | Processed transactions  |

## element summarySlipType/errTrx

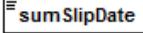
|            |   |         |                |        |   |        |           |
|------------|---|---------|----------------|--------|---|--------|-----------|
| diagram    | <pre> classDiagram     class errTransactionType {         attr1         attr2         attr3         ...         attrN         assoc1         assoc2         ...         assocM     }     class errTrx {         ...     }     errTrx "0..1" --&gt; "1" errTransactionType : &lt;&lt;Rejected transactions&gt;&gt;     </pre> <p>The diagram illustrates the structure of the <code>errTransactionType</code> element. It consists of a main class <code>errTransactionType</code> containing various attributes and a relationship to the <code>errTrx</code> element.</p> <ul style="list-style-type: none"> <li><b>Attributes:</b> <ul style="list-style-type: none"> <li><code>trxType</code>: Verbal description of <code>trxTypeId</code>. See processor specification for allowed values.</li> <li><code>trxTypeId</code>: Type of the transaction. See processor specification for allowed values.</li> <li><code>passTrxId</code>: Unique transaction identifier of processor.</li> <li><code>trxIndicator</code>: Indicates chargebacks.</li> <li><code>aTrxOC</code>: Transaction amount in transaction currency.</li> <li><code>aTrxPwOC</code>: Cash back amount of purchase with a back transaction in original transaction currency.</li> <li><code>aTipOC</code>: Tip amount in transaction currency.</li> <li><code>trxDate</code>: Date of sale.</li> <li><code>trxTime</code>: Time of sale.</li> <li><code>pan</code>: Primary Account Number (PAN)/Card number. Only the first six and the last four digits are shown.</li> <li><code>authNo</code>: Authorization number assigned by the issuer during authorization process.</li> <li><code>refNo</code>: Authorization reference number assigned by the processor during authorization process.</li> <li><code>termNo</code>: Terminal sequence number, will not be present for master recordings by acquirer.</li> <li><code>ep2MerchID</code>: Only for merchants with ep2 PMS, Merchant identifier.</li> <li><code>ep2PMSID</code>: Only for merchants with ep2 PMS, PMS identifier.</li> <li><code>retRefNo</code>: Retrieval reference number assigned by the processor.</li> <li><code>settlerRefNo</code>: A transaction reference assigned by merchant at the "point of sale" and reported back to the merchant. The use of this reference to facilitate reconciliation at the merchant's side.</li> <li><code>addSmtntText</code>: Text message sent by the merchant to be included into the clearing information sent to the cardholder's issuer.</li> <li><code>arn</code>: Acquirer reference number, Unique card scheme identifier of sales transaction.</li> <li><code>dccInd</code>: Identifies DCC transactions: 0 = no / 1 = yes</li> <li><code>isReversal</code>: Identifies reversals: 0 = no / 1 = yes</li> <li><code>errType</code>: Indicates how cardholder authentication has been entered. See processor specification for allowed values.</li> <li><code>caseId</code>: Case identifier of chargeback case.</li> <li><code>origTrxdate</code>: Date of original sale.</li> <li><code>remark</code>: Verbal description of further booking details.</li> <li><code>accountIndex</code>: For shared terminal usage (multi-arm), indicates submitting party.</li> <li><code>trxFrTxt</code>: Reason for rejection.</li> </ul> </li> <li><b>Relationships:</b> <ul style="list-style-type: none"> <li>A relationship exists between <code>errTrx</code> and <code>errTransactionType</code>, labeled "Rejected transactions".</li> </ul> </li> </ul> |         |                |        |   |        |           |
| type       | <b><code>errTransactionType</code></b>  |         |                |        |   |        |           |
| properties | <table border="1"> <tr> <td>content</td><td><b>complex</b></td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | <b>complex</b> | minOcc | 0 | maxOcc | unbounded |
| content    | <b>complex</b>  |         |                |        |   |        |           |
| minOcc     | 0   |         |                |        |   |        |           |
| maxOcc     | unbounded   |         |                |        |   |        |           |

|            |  |
|------------|--|
| children   | <a href="#">trxType</a> <a href="#">trxTypeld</a> <a href="#">passTrxId</a> <a href="#">trxIndicator</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aTipOC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">pan</a> <a href="#">authNo</a> <a href="#">refNo</a> <a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">retrRefNo</a> <a href="#">addlMercData</a> <a href="#">addlStmntText</a> <a href="#">arn</a> <a href="#">dccInd</a> <a href="#">isReversal</a> <a href="#">entryType</a> <a href="#">caseld</a> <a href="#">origTrxDate</a> <a href="#">remark</a> <a href="#">accountIndex</a> <a href="#">trxErrTxt</a> |
| annotation | documentation    Rejected transactions   |

### element *summarySlipType/prod*

|            |   |
|------------|---|
| diagram    |  Acceptance product (see processor specification for allowed values) |
| type       | <b>xs:string</b>  |
| properties | content    simple   |
| annotation | documentation    Acceptance product (see processor specification for allowed values)  |

### element *summarySlipType/sumSlipDate*

|            |  |
|------------|--|
| diagram    |  Cut-off date for this period |
| type       | <b>xs:date</b>   |
| properties | content    simple  |
| annotation | documentation    Cut-off date for this period  |

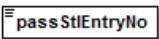
### element *summarySlipType/sumSlipTime*

|            |  |
|------------|--|
| diagram    |  Cut-off time for this period |
| type       | <b>xs:time</b>   |
| properties | content    simple  |
| annotation | documentation    Cut-off time for this period  |

### element *summarySlipType/passSumSlipId*

|            |   |
|------------|---|
| diagram    |  |
| type       | <b>xs:string</b>  |
| properties | content    simple<br>minOcc    0<br>maxOcc    1                                     |

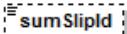
### element *summarySlipType/passStlEntryNo*

|            |  |
|------------|--|
| diagram    |  Unique identifier for technical booking of gross amount. |
| type       | <b>xs:string</b>   |
| properties | content    simple  |
| annotation | documentation    Unique identifier for technical booking of gross amount.  |

## element summarySlipType/origin

|            |   |
|------------|---|
| diagram    |  <b>origin</b><br>Protocol used in delivery of transaction to processor. See documentation for allowed values. |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Protocol used in delivery of transaction to processor. See documentation for allowed values.  |

## element summarySlipType/sumSlipId

|            |   |
|------------|---|
| diagram    |  <b>sumSlipId</b><br>Only for paper sales slip submissions. Identifies sales slip. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Only for paper sales slip submissions. Identifies sales slip.   |

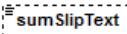
## element summarySlipType/trmId

|            |   |
|------------|---|
| diagram    |  <b>trmId</b><br>Terminal identifier |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Terminal identifier   |

## element summarySlipType/trmPer

|            |  |
|------------|--|
| diagram    |  <b>trmPer</b><br>Terminal period of this delivery group. |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Terminal period of this delivery group.  |

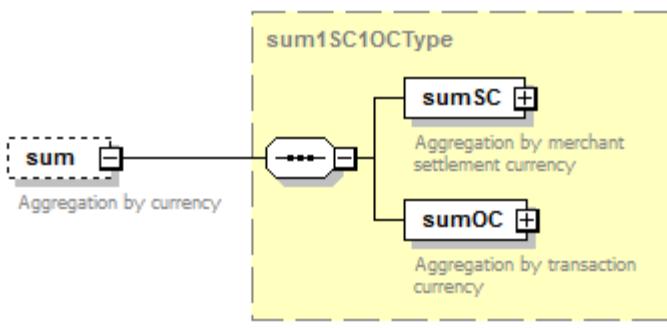
## element summarySlipType/sumSlipText

|            |  |
|------------|--|
| diagram    |  <b>sumSlipText</b> |
| type       | <b>xs:string</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |

## element *summarySlipType/sumSlipRemark*

|            |   |         |        |        |   |        |   |
|------------|---|---------|--------|--------|---|--------|---|
| diagram    |  Only for manually restored delivery groups. Refers to the causing incident. |         |        |        |   |        |   |
| type       | <b>xs:string</b>  |         |        |        |   |        |   |
| properties | <table> <tr> <td>content</td> <td>simple</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>                      | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple  |         |        |        |   |        |   |
| minOcc     | 0   |         |        |        |   |        |   |
| maxOcc     | 1   |         |        |        |   |        |   |
| annotation | documentation Only for manually restored delivery groups. Refers to the causing incident.   |         |        |        |   |        |   |

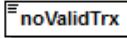
## element *summarySlipType/sum*

|            |   |         |         |        |   |        |   |
|------------|---|---------|---------|--------|---|--------|---|
| diagram    |  Aggregation by currency                                |         |         |        |   |        |   |
| type       | <b>sum1SC1OCType</b>  |         |         |        |   |        |   |
| properties | <table> <tr> <td>content</td> <td>complex</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table> | content | complex | minOcc | 0 | maxOcc | 1 |
| content    | complex   |         |         |        |   |        |   |
| minOcc     | 0   |         |         |        |   |        |   |
| maxOcc     | 1   |         |         |        |   |        |   |
| children   | <b>sumSC sumOC</b>  |         |         |        |   |        |   |
| annotation | documentation Aggregation by currency   |         |         |        |   |        |   |

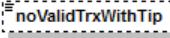
## 5.2.28 complexType sumOCType

|          |  |
|----------|--|
| diagram  | <pre> sequenceDiagram     participant sumOCType     sumOCType-&gt;&gt;connector:      connector--&gt;&gt;noValidTrx     connector--&gt;&gt;noValidTrxWithTip     connector--&gt;&gt;noValidTrxPwcb     connector--&gt;&gt;noDelTrx     connector--&gt;&gt;noSumSlip     connector--&gt;&gt;aTrxOC     connector--&gt;&gt;aTrxPwcbOC     connector--&gt;&gt;aDelTrxOC     connector--&gt;&gt;noErrTrx     connector--&gt;&gt;aErrTrxOC     connector--&gt;&gt;aTipOC   </pre> |
| children | <a href="#">noValidTrx</a> <a href="#">noValidTrxWithTip</a> <a href="#">noValidTrxPwcb</a> <a href="#">noDelTrx</a> <a href="#">noSumSlip</a> <a href="#">aTrxOC</a> <a href="#">aTrxPwcbOC</a> <a href="#">aDelTrxOC</a> <a href="#">noErrTrx</a> <a href="#">aErrTrxOC</a> <a href="#">aTipOC</a>   |
| used by  | elements <a href="#">sumManySCManyOCType/sumOC</a> <a href="#">sum1SC1OCType/sumOC</a> <a href="#">sum1SCManyOCType/sumOC</a>  |

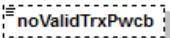
## element sumOCType/noValidTrx

|            |   |
|------------|---|
| diagram    |  <b>noValidTrx</b><br>Number of processed transactions |
| type       | <b>xs:integer</b>   |
| properties | content simple  |
| annotation | documentation Number of processed transactions  |

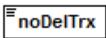
## element sumOCType/noValidTrxWithTip

|            |  |
|------------|--|
| diagram    |  <b>noValidTrxWithTip</b><br>Number of processed transactions which include a tip |
| type       | <b>xs:integer</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Number of processed transactions which include a tip   |

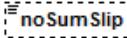
## element sumOCType/noValidTrxPwcb

|            |  |
|------------|--|
| diagram    |  <b>noValidTrxPwcb</b><br>Number of processed purchase with cashback transactions |
| type       | <b>xs:integer</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Number of processed purchase with cashback transactions  |

## element sumOCType/noDelTrx

|            |   |
|------------|---|
| diagram    |  <b>noDelTrx</b><br>Number of delivered transactions |
| type       | <b>xs:integer</b>   |
| properties | content simple  |
| annotation | documentation Number of delivered transactions  |

## element sumOCType/noSumSlip

|            |   |
|------------|---|
| diagram    |  <b>noSumSlip</b><br>Number of processed delivery groups |
| type       | <b>xs:integer</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Number of processed delivery groups   |

## element sumOCType/aTrxOC

| diagram    | <p>Processed transaction gross amount</p>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Processed transaction gross amount   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element sumOCType/aTrxPwcbOC

| diagram    | <p>Cash back amount in original transaction currency of purchase with cashback transactions.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td> <td>complex</td> </tr> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Cash back amount in original transaction currency of purchase with cashback transactions.  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumOCType/aDelTrxOC

| diagram    | <pre> classDiagram     class aDelTrxOC     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;Currency code&gt;&gt;         &lt;&lt;e&gt;&gt;         &lt;&lt;exponent&gt;&gt;     }     aDelTrxOC --&gt; amtType   </pre>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Delivered transaction gross amount   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element sumOCType/noErrTrx

| diagram    | <pre> classDiagram     class noErrTrx   </pre>   |         |        |        |   |        |   |
|------------|--|---------|--------|--------|---|--------|---|
| type       | <b>xs:integer</b>  |         |        |        |   |        |   |
| properties | <table> <thead> <tr> <th>content</th> <th>simple</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table> | content | simple | minOcc | 0 | maxOcc | 1 |
| content    | simple   |         |        |        |   |        |   |
| minOcc     | 0  |         |        |        |   |        |   |
| maxOcc     | 1  |         |        |        |   |        |   |
| annotation | documentation Number of rejected transactions  |         |        |        |   |        |   |

## element sumOCType/aErrTrxOC

| diagram    | <pre> classDiagram     class aErrTrxOC     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;Currency code&gt;&gt;         &lt;&lt;e&gt;&gt;         &lt;&lt;exponent&gt;&gt;     }     aErrTrxOC --&gt; amtType   </pre>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <thead> <tr> <th>content</th> <th>complex</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Rejected gross amount  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumOCType/aTipOC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;e&gt;&gt;     }     class aTipOC {         &lt;&lt;Tip amount&gt;&gt;     }     aTipOC "2" --&gt; amtType : &lt;&lt;derived by: xs:string&gt;&gt;     aTipOC "1" --&gt; amtType : &lt;&lt;derived by: xs:integer&gt;&gt;   </pre>        |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <u><a href="#">amtType</a></u>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>currency code documentation</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>exponent documentation</td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | currency code documentation | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | currency code documentation |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Tip amount   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## 5.2.29 complexType sumSCType

|            |  |
|------------|--|
| diagram    | <pre> classDiagram     class sumCond {         0..&gt; noPayments         0..&gt; noValidTrx         0..&gt; noValidTrxWithTip         0..&gt; noValidTrxPwcb         0..&gt; noSumSlip         0..&gt; aNetSC         0..&gt; aGrosSC         0..&gt; aPaymentSC         0..&gt; aTrxGrosSC         0..&gt; aTrxNetSC         0..&gt; aTrxPwcbSC         0..&gt; aTipSC         0..&gt; aAdjNetSC         0..&gt; aRoundDiffSC         0..&gt; aComEffSC         0..&gt; aComEffHighSC         0..&gt; aComTotSC         0..&gt; aComEffBC         0..&gt; aComTotBC         0..&gt; aSpecSchemeSC         0..&gt; aVatSC         0..&gt; aVatBC     }     class sumSCType {         &lt;&lt;...&gt;&gt;         sumCond         &lt;&lt;...&gt;&gt;     } </pre> |
| type       | <u>sumCond</u> <u>noPayments</u> <u>noValidTrx</u> <u>noValidTrxWithTip</u> <u>noValidTrxPwcb</u> <u>noSumSlip</u> <u>aNetSC</u> <u>aGrosSC</u> <u>aPaymentSC</u> <u>aTrxGrosSC</u> <u>aTrxNetSC</u> <u>aTrxPwcbSC</u> <u>aTipSC</u> <u>aAdjNetSC</u> <u>aRoundDiffSC</u> <u>aComEffSC</u> <u>aComEffHighSC</u> <u>aComTotSC</u> <u>aComEffBC</u> <u>aComTotBC</u> <u>aSpecSchemeSC</u> <u>aVatSC</u> <u>aVatBC</u>  |
| annotation | elements <u>sumManySCManyOCType/sumSC</u> <u>sum1SC1OCType/sumSC</u> <u>sum1SCManyOCType/sumSC</u>   |

## element *sumSCType/sumCond*

|                                       |   |         |         |        |   |        |           |
|---------------------------------------|---|---------|---------|--------|---|--------|-----------|
| diagram                               | <pre> classDiagram     class condFullType {         condCode         specScheme * 0..∞         aComEffExclVatSC         aComTotExclVatSC         aComSpecSchemeTotSC         sumCond * 0..∞         aFixComRateSC         aMinComRateSC         percComRate         aMaxComRateSC         tariffDetail     }     class sumCond {         &lt;&gt; sumCond     }     condFullType "1" --&gt; "0..∞" sumCond     condFullType "1" --&gt; "1" aComEffExclVatSC     condFullType "1" --&gt; "1" aComTotExclVatSC     condFullType "1" --&gt; "1" aComSpecSchemeTotSC     condFullType "1" --&gt; "1" aFixComRateSC     condFullType "1" --&gt; "1" aMinComRateSC     condFullType "1" --&gt; "1" percComRate     condFullType "1" --&gt; "1" aMaxComRateSC     condFullType "1" --&gt; "1" tariffDetail     condFullType "1" --&gt; "1" specScheme     </pre> <p><b>Merchant service charge details</b></p> <p><b>Applied tariff for this price position. Not applicable tariff parameters are not shown.</b></p> |         |         |        |   |        |           |
| <td><a href="#">condFullType</a></td> | <a href="#">condFullType</a>  |         |         |        |   |        |           |
| properties                            | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>   | content | complex | minOcc | 0 | maxOcc | unbounded |
| content                               | complex   |         |         |        |   |        |           |
| minOcc                                | 0   |         |         |        |   |        |           |
| maxOcc                                | unbounded   |         |         |        |   |        |           |
| children                              | <a href="#">condCode</a> <a href="#">specScheme</a> <a href="#">aComEffExclVatSC</a> <a href="#">aComTotExclVatSC</a> <a href="#">aComSpecSchemeTotSC</a> <a href="#">aFixComRateSC</a> <a href="#">aMinComRateSC</a> <a href="#">percComRate</a> <a href="#">aMaxComRateSC</a> <a href="#">tariffDetail</a>  |         |         |        |   |        |           |
| annotation                            | documentation    Merchant service charge details  |         |         |        |   |        |           |

## element *sumSCType/noPayments*

|            |  |
|------------|--|
| diagram    |  Number of payments |
| type       | <b>xs:integer</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Number of payments   |

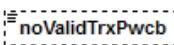
## element *sumSCType/noValidTrx*

|            |  |
|------------|--|
| diagram    |  Number of processed transactions |
| type       | <b>xs:integer</b>  |
| properties | content simple   |
| annotation | documentation Number of processed transactions   |

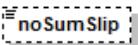
## element *sumSCType/noValidTrxWithTip*

|            |  |
|------------|--|
| diagram    |  Number of processed transactions which include a tip |
| type       | <b>xs:integer</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1   |
| annotation | documentation Number of processed transactions which include a tip   |

## element *sumSCType/noValidTrxPwcb*

|            |   |
|------------|---|
| diagram    |  Number of processed purchase with cashback transactions |
| type       | <b>xs:integer</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Number of processed purchase with cashback transactions   |

## element *sumSCType/noSumSlip*

|            |   |
|------------|---|
| diagram    |  Number of processed delivery groups |
| type       | <b>xs:integer</b>   |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Number of processed delivery groups   |

## element sumSCType/aNetSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;amtType&gt;&gt;         &lt;&lt;attributes&gt;&gt;         c         e     }     class aNetSC {         &lt;&lt;aNetSC&gt;&gt;         = aTrxNetSC + aFAdjNetSC     }     aNetSC --&gt; amtType   </pre>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation = aTrxNetSC + aFAdjNetSC   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element sumSCType/aGrosSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;amtType&gt;&gt;         &lt;&lt;attributes&gt;&gt;         c         e     }     class aGrosSC {         &lt;&lt;aGrosSC&gt;&gt;         = aTrxGrosSC + aFAdjNetSC     }     aGrosSC --&gt; amtType   </pre>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation = aTrxGrosSC + aFAdjNetSC  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element sumSCType/aPaymentSC

| diagram    | <p>= aNetSC + aRoundDiffSC.<br/>This is the effective payment amount. This field is not present for non-payments</p>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
|------------|---|----------|--------------------------|--------------------------|--------------------------|--------------------------|---|------------------------------|----------|---------------|--|---|-------------------------------|----------|--|----------|
| type       | <u>amtType</u>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>   | content  | complex                  | minOcc                   | 0                        | maxOcc                   | 1 |                              |          |               |  |   |                               |          |  |          |
| content    | complex   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| minOcc     | 0   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| maxOcc     | 1   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation documentation</th><th>Annotation documentation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>currency code</td><td></td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td></td><td>exponent</td></tr> </tbody> </table> | Name     | Type                     | Use                      | Annotation documentation | Annotation documentation | c | <b>derived by: xs:string</b> | required | currency code |  | e | <b>derived by: xs:integer</b> | required |  | exponent |
| Name       | Type  | Use      | Annotation documentation | Annotation documentation |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| c          | <b>derived by: xs:string</b>  | required | currency code            |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| e          | <b>derived by: xs:integer</b>   | required |                          | exponent                 |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| annotation | documentation = aNetSC + aRoundDiffSC. This is the effective payment amount. This field is not present for non-payments   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |

## element sumSCType/aTrxGrosSC

| diagram    | <p>Delivered gross amount</p>   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
|------------|---|----------|--------------------------|--------------------------|--------------------------|--------------------------|---|------------------------------|----------|---------------|--|---|-------------------------------|----------|--|----------|
| type       | <u>amtType</u>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| properties | content complex   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation documentation</th><th>Annotation documentation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>currency code</td><td></td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td></td><td>exponent</td></tr> </tbody> </table> | Name     | Type                     | Use                      | Annotation documentation | Annotation documentation | c | <b>derived by: xs:string</b> | required | currency code |  | e | <b>derived by: xs:integer</b> | required |  | exponent |
| Name       | Type  | Use      | Annotation documentation | Annotation documentation |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| c          | <b>derived by: xs:string</b>  | required | currency code            |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| e          | <b>derived by: xs:integer</b>   | required |                          | exponent                 |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| annotation | documentation Delivered gross amount  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |

## element sumSCType/aTrxNetSC

| diagram    | <pre> classDiagram     aTrxNetSC --&gt; amtType     amtType {         &lt;&lt;amtType&gt;&gt;         attributes         c "Currency code"         e "exponent"     }     aTrxNetSC == aTrxGrosSC - aComEffSC   </pre>   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
|------------|--|----------|--------------------------|--------------------------|--------------------------|--------------------------|---|------------------------------|----------|---------------|--|---|-------------------------------|----------|--|----------|
| type       | <a href="#">amtType</a>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| properties | content complex  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation documentation</th> <th>Annotation documentation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>currency code</td> <td></td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td></td> <td>exponent</td> </tr> </tbody> </table> | Name     | Type                     | Use                      | Annotation documentation | Annotation documentation | c | <b>derived by: xs:string</b> | required | currency code |  | e | <b>derived by: xs:integer</b> | required |  | exponent |
| Name       | Type   | Use      | Annotation documentation | Annotation documentation |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| c          | <b>derived by: xs:string</b>   | required | currency code            |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| e          | <b>derived by: xs:integer</b>  | required |                          | exponent                 |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| annotation | documentation = aTrxGrosSC - aComEffSC   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |

## element sumSCType/aTrxPwcbSC

| diagram    | <pre> classDiagram     aTrxPwcbSC --&gt; amtType     amtType {         &lt;&lt;amtType&gt;&gt;         attributes         c "Currency code"         e "exponent"     }     note over aTrxPwcbSC : Cash back amount in merchant settlement currency of purchase with cashback transactions.   </pre>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
|------------|--|----------|--------------------------|--------------------------|--------------------------|--------------------------|---|------------------------------|----------|---------------|--|---|-------------------------------|----------|--|----------|
| type       | <a href="#">amtType</a>  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| properties | content complex<br>minOcc 0<br>maxOcc 1  |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation documentation</th> <th>Annotation documentation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>currency code</td> <td></td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td></td> <td>exponent</td> </tr> </tbody> </table> | Name     | Type                     | Use                      | Annotation documentation | Annotation documentation | c | <b>derived by: xs:string</b> | required | currency code |  | e | <b>derived by: xs:integer</b> | required |  | exponent |
| Name       | Type   | Use      | Annotation documentation | Annotation documentation |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| c          | <b>derived by: xs:string</b>   | required | currency code            |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| e          | <b>derived by: xs:integer</b>  | required |                          | exponent                 |                          |                          |   |                              |          |               |  |   |                               |          |  |          |
| annotation | documentation Cash back amount in merchant settlement currency of purchase with cashback transactions.   |          |                          |                          |                          |                          |   |                              |          |               |  |   |                               |          |  |          |

## element sumSCType/aTipSC

| diagram    | <pre> graph TD     amtType[amtType] --&gt; aTipSC[aTipSC]     subgraph amtType         attributes[attributes]         c[c]         e[e]         subgraph attributes             c             e         end     end     aTipSC --- tipAmount[Tip amount]   </pre>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Tip amount   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aFAdjNetSC

| diagram    | <pre> graph TD     amtType[amtType] --&gt; aFAdjNetSC[aFAdjNetSC]     subgraph amtType         attributes[attributes]         c[c]         e[e]         subgraph attributes             c             e         end     end     aFAdjNetSC --- fAdjNetSC[FAdjNet]   </pre>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aRoundDiffSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;Currency code&gt;&gt;         &lt;&lt;e&gt;&gt;         &lt;&lt;exponent&gt;&gt;     }     class aRoundDiffSC {         &lt;&lt;Rounding difference in payments&gt;&gt;     }     aRoundDiffSC &lt; -- amtType   </pre>      |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Rounding difference in payments  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aComEffSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;Currency code&gt;&gt;         &lt;&lt;e&gt;&gt;         &lt;&lt;exponent&gt;&gt;     }     class aComEffSC {         &lt;&lt;Effective merchant service charges&gt;&gt;     }     aComEffSC &lt; -- amtType   </pre>         |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> </table>  | content  | complex                     |     |            |   |                              |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Effective merchant service charges   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

## element sumSCType/aComEffHighSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;e&gt;&gt;     }     class aComEffHighSC {         &lt;&lt;Unrounded effective merchant service charges&gt;&gt;     }     aComEffHighSC &lt; -- amtType     </pre>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>currency code documentation</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | currency code documentation | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | currency code documentation |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation Unrounded effective merchant service charges   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aComTotSC

| diagram    | <pre> classDiagram     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c&gt;&gt;         &lt;&lt;e&gt;&gt;     }     class aComTotSC {         &lt;&lt;optional: only present when special scheme applies&gt;&gt;     }     aComTotSC &lt; -- amtType     </pre>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>currency code documentation</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | currency code documentation | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | currency code documentation |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation optional: only present when special scheme applies   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aComEffBC

| diagram    | <p>optional: only present when VAT applies</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation optional: only present when VAT applies  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aComTotBC

| diagram    | <p>optional: only present when special scheme and VAT applies</p>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>  | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type   | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation optional: only present when special scheme and VAT applies   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aSpecSchemeSC

| diagram    | <p>The diagram shows a class named <b>amtType</b> with a dashed association line pointing to a box labeled <b>aSpecSchemeSC</b>. Below the association line, it says "optional: only present when special scheme applies". The <b>amtType</b> class has an attribute named <b>c</b> with the annotation "Currency code" and an attribute named <b>e</b> with the annotation "exponent".</p> |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
|------------|---|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#"><u>amtType</u></a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 1                            |          |                             |   |                               |          |                        |
| content    | complex   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| minOcc     | 0   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| maxOcc     | 1   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> </tbody> </table>  | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation |
| Name       | Type  | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>  | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>   | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |
| annotation | documentation optional: only present when special scheme applies  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |

## element sumSCType/aVatSC

| diagram    | <p>The diagram shows a class named <b>amtVATTType</b> with a dashed association line pointing to a box labeled <b>aVatSC</b>. Below the association line, it says "If VAT is applicable: VAT amount". The <b>amtVATTType</b> class has attributes <b>c</b> (Currency code), <b>e</b> (exponent), and <b>aVATPerc</b>.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
|------------|---|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|---------|-------------------|----------|--|
| type       | <a href="#"><u>amtVATTType</u></a>  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>2</td></tr> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 2                            |          |                             |   |                               |          |                        |         |                   |          |  |
| content    | complex   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| minOcc     | 0   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| maxOcc     | 2   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| attributes | <table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td><b>derived by: xs:string</b></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td><b>derived by: xs:integer</b></td><td>required</td><td>exponent documentation</td></tr> <tr> <td>aVATPer</td><td><b>xs:decimal</b></td><td>required</td><td></td></tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | exponent documentation | aVATPer | <b>xs:decimal</b> | required |  |
| Name       | Type  | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| c          | <b>derived by: xs:string</b>  | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| e          | <b>derived by: xs:integer</b>   | required | exponent documentation      |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| aVATPer    | <b>xs:decimal</b>   | required |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| annotation | documentation If VAT is applicable: VAT amount  |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |

## element sumSCType/aVatBC

| diagram    | <p>The diagram shows a UML class named <b>amtVATType</b> with a dashed association line labeled <b>aVatBC</b>. Below the line is the multiplicity <b>0..2</b>. A note states: <b>optional: only present when vat applies</b>.</p>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
|------------|---|----------|-----------------------------|--------|------------|--------|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|---------|-------------------|----------|--|
| type       | <b>amtVATType</b>   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| properties | <table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>2</td></tr> </table>   | content  | complex                     | minOcc | 0          | maxOcc | 2                            |          |                             |   |                               |          |                        |         |                   |          |  |
| content    | complex   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| minOcc     | 0   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| maxOcc     | 2   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> <tr> <td>aVATPer</td> <td><b>xs:decimal</b></td> <td>required</td> <td></td> </tr> </tbody> </table> | Name     | Type                        | Use    | Annotation | c      | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent | aVATPer | <b>xs:decimal</b> | required |  |
| Name       | Type  | Use      | Annotation                  |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| c          | <b>derived by: xs:string</b>  | required | documentation currency code |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| e          | <b>derived by: xs:integer</b>   | required | documentation exponent      |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| aVATPer    | <b>xs:decimal</b>   | required |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |
| annotation | documentation optional: only present when VAT applies   |          |                             |        |            |        |                              |          |                             |   |                               |          |                        |         |                   |          |  |

### 5.2.30 complexType *topupTrxType*

|          |   |
|----------|---|
| diagram  | <pre> classDiagram     class topupTrxType {         &lt;&lt;trxType&gt;&gt;         &lt;&lt;origin&gt;&gt;         &lt;&lt;aTrxOC +&gt;&gt;         &lt;&lt;aComEffSC +&gt;&gt;         &lt;&lt;aTrxNetSC +&gt;&gt;         &lt;&lt;trxDate&gt;&gt;         &lt;&lt;trxTime&gt;&gt;         &lt;&lt;trmTrxNo&gt;&gt;         &lt;&lt;ep2mercID&gt;&gt;         &lt;&lt;ep2PMSID&gt;&gt;         &lt;&lt;trmId&gt;&gt;         &lt;&lt;trmPer&gt;&gt;         &lt;&lt;prod&gt;&gt;     }     topupTrxType &lt; -- trxType     topupTrxType &lt; -- origin     topupTrxType &lt; -- aTrxOC     topupTrxType &lt; -- aComEffSC     topupTrxType &lt; -- aTrxNetSC     topupTrxType &lt; -- trxDate     topupTrxType &lt; -- trxTime     topupTrxType &lt; -- trmTrxNo     topupTrxType &lt; -- ep2mercID     topupTrxType &lt; -- ep2PMSID     topupTrxType &lt; -- trmId     topupTrxType &lt; -- trmPer     topupTrxType &lt; -- prod   </pre> <p>The diagram illustrates the structure of the <i>topupTrxType</i> complex type. It inherits from <i>trxType</i> and contains the following attributes:</p> <ul style="list-style-type: none"> <li><b>trxType</b>: Type of the mobile voucher. See processor documentation for allowed values.</li> <li><b>origin</b>: Protocol used in delivery of transaction to processor.</li> <li><b>aTrxOC</b>: Sold mobile voucher amount.</li> <li><b>aComEffSC</b>: Merchant kickback.</li> <li><b>aTrxNetSC</b>: Net merchant debt of mobile voucher sale.</li> <li><b>trxDate</b>: Date of sale.</li> <li><b>trxTime</b>: Time of sale.</li> <li><b>trmTrxNo</b>: Terminal transaction number of sold mobile voucher.</li> <li><b>ep2mercID</b>: Only for merchants with ep2 PMS. Merchant identifier.</li> <li><b>ep2PMSID</b>: Only for merchants with ep2 PMS. PMS identifier.</li> <li><b>trmId</b>: Terminal identifier.</li> <li><b>trmPer</b>: Terminal period during sale.</li> <li><b>prod</b>: Mobile voucher product. See processor specification for allowed values.</li> </ul> |
| children | <a href="#">trxType</a> <a href="#">origin</a> <a href="#">aTrxOC</a> <a href="#">aComEffSC</a> <a href="#">aTrxNetSC</a> <a href="#">trxDate</a> <a href="#">trxTime</a> <a href="#">trmTrxNo</a> <a href="#">ep2mercID</a> <a href="#">ep2PMSID</a> <a href="#">trmId</a> <a href="#">trmPer</a> <a href="#">prod</a>   |
| used by  | element <a href="#">financialAdjustmentType/topupTrx</a>  |

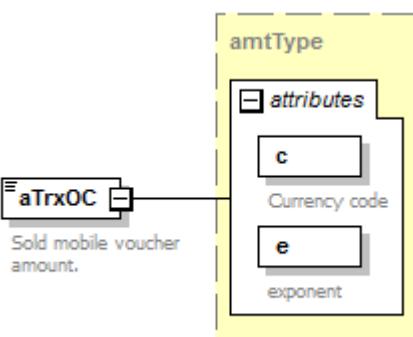
## element *topupTrxType/trxType*

|            |   |
|------------|---|
| diagram    |          |
|            | Type of the mobile voucher.<br>See processor documentation for allowed values.            |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Type of the mobile voucher. See processor documentation for allowed values. |

## element *topupTrxType/origin*

|            |   |
|------------|---|
| diagram    |  |
|            | Protocol used in delivery of transaction to processor.                            |
| type       | <b>xs:string</b>  |
| properties | content simple  |
| annotation | documentation Protocol used in delivery of transaction to processor.              |

## element *topupTrxType/aTrxOC*

| diagram    |   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <b>amtType</b>   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Sold mobile voucher amount.  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

### element *topupTrxType/aComEffSC*

| diagram    | <pre> classDiagram     class aComEffSC     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c: Currency code&gt;&gt;         &lt;&lt;e: exponent&gt;&gt;     }     aComEffSC --&gt; amtType     note over aComEffSC: Merchant kickback   </pre>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Merchant payback   |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

### element *topupTrxType/aTrxNetSC*

| diagram    | <pre> classDiagram     class aTrxNetSC     class amtType {         &lt;&lt;attributes&gt;&gt;         &lt;&lt;c: Currency code&gt;&gt;         &lt;&lt;e: exponent&gt;&gt;     }     aTrxNetSC --&gt; amtType     note over aTrxNetSC: Net merchant debt of mobile voucher sale.   </pre>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
|------------|--|----------|-----------------------------|-----|------------|---|------------------------------|----------|-----------------------------|---|-------------------------------|----------|------------------------|
| type       | <a href="#">amtType</a>  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| properties | content complex  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |
| attributes | <table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td><b>derived by: xs:string</b></td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td><b>derived by: xs:integer</b></td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table> | Name     | Type                        | Use | Annotation | c | <b>derived by: xs:string</b> | required | documentation currency code | e | <b>derived by: xs:integer</b> | required | documentation exponent |
| Name       | Type   | Use      | Annotation                  |     |            |   |                              |          |                             |   |                               |          |                        |
| c          | <b>derived by: xs:string</b>   | required | documentation currency code |     |            |   |                              |          |                             |   |                               |          |                        |
| e          | <b>derived by: xs:integer</b>  | required | documentation exponent      |     |            |   |                              |          |                             |   |                               |          |                        |
| annotation | documentation Net merchant debt of mobile voucher sale.  |          |                             |     |            |   |                              |          |                             |   |                               |          |                        |

### element *topupTrxType/trxDate*

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class trxDate     note over trxDate: Date of sale   </pre> |
| type       | <b>xs:date</b>  |
| properties | content simple  |
| annotation | documentation Date of sale  |

## element *topupTrxType/trxTime*

|            |                                    |
|------------|------------------------------------|
| diagram    | <br><b>trxTime</b><br>Time of sale |
| type       | <b>xs:time</b>                     |
| properties | content simple                     |
| annotation | documentation Time of sale         |

## element *topupTrxType/trmTrxNo*

|            |  |
|------------|--|
| diagram    | <br><b>trmTrxNo</b><br>Terminal transaction number<br>of sold mobile voucher |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Terminal transaction number of sold mobile voucher             |

## element *topupTrxType/ep2mercID*

|            |   |
|------------|---|
| diagram    | <br><b>ep2mercID</b><br>Only for merchants with ep2 PMS. Merchant identifier. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1  |
| annotation | documentation Only for merchants with ep2 PMS. Merchant identifier.           |

## element *topupTrxType/ep2PMSID*

|            |   |
|------------|---|
| diagram    | <br><b>ep2PMSID</b><br>Only for merchants with ep2 PMS. PMS identifier. |
| type       | <b>xs:string</b>  |
| properties | content simple<br>minOcc 0<br>maxOcc 1                                  |
| annotation | documentation Only for merchants with ep2 PMS. PMS identifier.          |

## element *topupTrxType/trmId*

|            |   |
|------------|---|
| diagram    | <br><b>trmId</b><br>Terminal identifier |
| type       | <b>xs:string</b>                        |
| properties | content simple                          |
| annotation | documentation Terminal identifier       |

## element *topupTrxType/trmPer*

|            |  |
|------------|--|
| diagram    |  <b>trmPer</b><br>Terminal period during sale |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Terminal period during sale  |

## element *topupTrxType/prod*

|            |  |
|------------|--|
| diagram    |  <b>prod</b><br>Mobile voucher product. See processor specification for allowed values. |
| type       | <b>xs:string</b>   |
| properties | content simple   |
| annotation | documentation Mobile voucher product. See processor specification for allowed values.  |

### 5.2.31 complexType *transactionType*

|            |   |
|------------|---|
| diagram    | <pre> classDiagram     class baseTrxType {         #trxType         #txTypeid         #passTrxId         #txIndicator         #aTrxOC         #aTrxPrcbOC         #aTipOC         #trxDate         #trxTime         #pan         #authNo         #reflio         #trmTrxId         #ep2merchInfo         #ep2PMSID         #retrReflio         #addInterchange         #addSmmntText         #dcnld         #isReversal         #entryType         #casoid         #orgTrxDate         #remark         #accountIndex     }     class transactionType {         #ep2merchInfo     }     baseTrxType &lt; -- transactionType     transactionType "1" --&gt; "1" ep2merchInfo   </pre> <p>The diagram illustrates the structure of the <i>transactionType</i> complex type. It inherits from the <i>baseTrxType</i> base type. The <i>transactionType</i> type has a single association named <i>ep2merchInfo</i>, which is multiplicity 1 at both ends.</p> |
| type       | extension of <a href="#">baseTrxType</a>  |
| properties | base <a href="#">baseTrxType</a>  |



*element txtElementType/valueLong*

|            |   |
|------------|---|
| diagram    |  valueLong |
| type       | <b>xs:long</b>  |
| properties | content simple  |

*element txtElementType/valueBoolean*

|            |  |
|------------|--|
| diagram    |  valueBoolean |
| type       | <b>xs:boolean</b>  |
| properties | content simple   |