

MRX – Merchant Reconciliation XML

Processor Specification

Version v1.5
16. July 2017

Glossary and abbreviations

Abbreviation	Description
MRXD	Merchant Reconciliation XML Detailed
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.detailed.v1.5.xsd	v1.5

Version History

Version	Date	Changes with this version
v1.1	4.3.2012	Refactoring of xsd files New optional fields: branchOfficId, dcclnd, isReversal, entryType
v1.4	26.6.2016	transactionType: add fields aICAcqTolssSC baseTrxType: added addlStmntText, salesSlipNum, paymentType: added extSettlingRefNo, cbTrxType: added addlStmntText cbTrxType: added addlMercData added codeValueType, baseTrxType/trmTrxNo is new optional, summarySlipType/trmPer is new optional
v1.5	16.7.2017	Removed fields: baseTrxType/salesSlipNum, cbTrxType, financialAdjustmentType/chargeback Added fields: transactionType/aTrxPwcbSC, transactionType/aComEffHighSC, baseTrxType/caseId, baseTrxType/origTrxDate, baseTrxType/remark, baseTrxType/accountIndex, stlAccountType/bic, sumOCType/noValidTrxPwcb, sumOCType/aTrxPwcbOC, sumSCType/noValidTrxPwcb, sumSCType/aTrxPwcbSC, sumSCType/aComEffHighSC, condFullType/tariffDetail, baseTrxType/trxIndicator Changed field: Content of sumSCType/aComEffSC (v1.4) can now be found in sumSCType/aComEffHighSC!

Table of Contents

1	Merchant Reconciliation XML Detailed - Introduction	5
2	File specification	6
2.1	Structure	6
2.2	Differences between MRX v1.5 and MRXD v1.5	8
3	Definitions	9
3.1	Date and time elements	9
3.2	Amount Elements	9
3.3	VAT Amounts	10
3.4	Rounding Differences	11
3.5	DCC Transactions	11
3.5.1	DCC payback	11
3.6	Purchase with cashback transactions (PwCB)	12
3.6.1	PwCB payback	12
3.7	Chargebacks	12
3.8	Sum	14
3.9	PAN	14
3.10	Payment amount details	15
3.11	Payment periods without payments	16
4	Code Values	18
4.1	Clearing Region	18
4.2	Closing Balance Reason	18
4.3	Contract Category	18
4.4	Entry Types	19
4.5	Origin	19
4.6	Product	20
4.7	Mobile Voucher product	20
4.8	Scheme Type	20
4.9	Transaction Indicator	21
4.10	Transaction Type / Transaction Type ID	21
4.11	Unblending Categories	22
5	File structure and field description	23
5.1	MerchantReconciliationTypes	23
5.1.1	element <i>merchantReconciliationXML</i>	23
5.1.2	element <i>merchantReconciliationXML/fileHeader</i>	23
5.1.3	element <i>merchantReconciliationXML/fileHeader/interfaceVersionNo</i>	23
5.1.4	element <i>merchantReconciliationXML/fileHeader/fileCreationDate</i>	24
5.1.5	element <i>merchantReconciliationXML/fileHeader/processingDate</i>	24
5.1.6	element <i>merchantReconciliationXML/fileHeader/productionFlag</i>	24
5.1.7	element <i>merchantReconciliationXML/mercNoticeHeader</i>	25
5.1.8	element <i>merchantReconciliationXML/acqContact</i>	25
5.1.9	element <i>merchantReconciliationXML/reportingPart</i>	26
5.2	MerchantReconciliationXML	27
5.2.1	redefinition of <i>complexType transactionType</i>	27
5.2.2	complexType <i>addressRecipientType</i>	36
5.2.3	complexType <i>addressType</i>	37
5.2.4	complexType <i>amtType</i>	38
5.2.5	complexType <i>amtVATTType</i>	39
5.2.6	complexType <i>baseTrxType</i>	40
5.2.7	complexType <i>businessPartType</i>	48
5.2.8	complexType <i>closingBalanceType</i>	50

5.2.9	<code>complexType codeValueType</code>	52
5.2.10	<code>complexType condFullType</code>	53
5.2.11	<code>complexType condType</code>	56
5.2.12	<code>complexType contractType</code>	59
5.2.13	<code>complexType errTransactionType</code>	61
5.2.14	<code>complexType financialAdjustmentType</code>	63
5.2.15	<code>complexType mercNoticeConfigType</code>	69
5.2.16	<code>complexType mercNoticeContactType</code>	70
5.2.17	<code>complexType openingBalanceType</code>	71
5.2.18	<code>complexType paymentType</code>	72
5.2.19	<code>complexType reportingPartType</code>	77
5.2.20	<code>complexType settlingPartType</code>	80
5.2.21	<code>complexType specSchemeType</code>	82
5.2.22	<code>complexType stlAccountType</code>	84
5.2.23	<code>complexType stlEntryType</code>	88
5.2.24	<code>complexType sum1SC1OCType</code>	91
5.2.25	<code>complexType sum1SCManyOCType</code>	94
5.2.26	<code>complexType sumManySCManyOCType</code>	97
5.2.27	<code>complexType summarySlipType</code>	100
5.2.28	<code>complexType sumOCType</code>	107
5.2.29	<code>complexType sumSCType</code>	112
5.2.30	<code>complexType topupTrxType</code>	124
5.2.31	<code>complexType transactionType</code>	129
5.2.32	<code>complexType txtElementType</code>	130

1 Merchant Reconciliation XML Detailed - Introduction

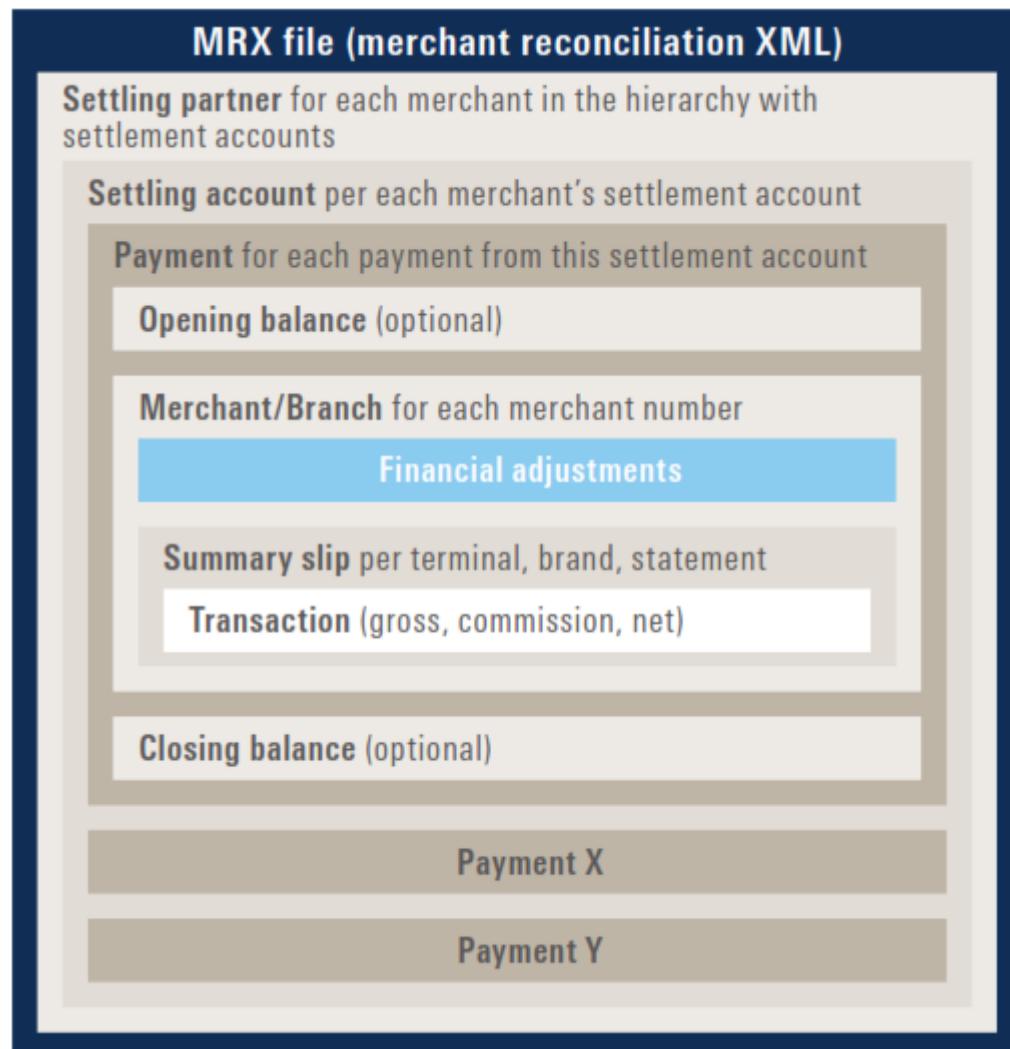
The „Merchant Reconciliation XML Detailed” (MRXD)file is a reconciliation file sent from the acquirer to the merchant containing detailed information about processed transactions and payments to the merchant.

2 File specification

The core file specification is provided as a 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

The MRX Detailed includes – in comparison to the base MRX – more information on transaction level.



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.

2.2 Differences between MRX v1.5 and MRXD v1.5

The MRX Detailed includes – in comparison to the base MRX – more information on transaction level (below marked in red):

```
<authNo>666555</authNo>
<refNo>446677</refNo>
<trmTrxNo>8921</trmTrxNo>
<addlMercData>011070</addlMercData>
<arn>732222222222222229884</arn>
<dccInd>0</dccInd>
<isReversal>0</isReversal>
<entryType>5</entryType>
<cond>
    <condCode>1</condCode>
    <aComEffExclVatSC c="EUR" e="2">-2.900000000</aComEffExclVatSC>
    <aMinComRateSC c="EUR" e="2">0.200000000</aMinComRateSC>
    <percComRate>1.4000</percComRate>
</cond>
<cond>
    <condCode>2</condCode>
    <aComEffExclVatSC c="EUR" e="2">-0.060000000</aComEffExclVatSC>
    <aFixComRateSC c="EUR" e="2">0.060000000</aFixComRateSC>
</cond>
<aTrxGrossSC c="EUR" e="2">207.000000000</aTrxGrossSC>
<aTrxNetSC c="EUR" e="2">204.042000000</aTrxNetSC>
<aComEffSC c="EUR" e="2">-2.958000000</aComEffSC>
<aComEffBC c="EUR" e="2">-2.960000000</aComEffBC>
<cardProduct>C</cardProduct>
<unBlendCat>1</unBlendCat>
<clearingRegion>
    <id>1</id>
    <name>Domestic</name>
</clearingRegion>
<aICAcqToIssSC c="EUR" e="2">-1.370000000</aICAcqToIssSC>
</trx>
```

cond – merchant service charge details

The element transactionType/cond lists each applied price position contributing to the merchant service charge (blended or IC++) per transaction. Please consult the MRX acquirer specification for an explanation of the sent condCode values.

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/dccInd.

```
<dccInd>1</dccInd>
```

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>
      <cond>
        <condCode>1</condCode>
        <aComEffExclVatSC c="EUR" e="2">1.04000000</aComEffExclVatSC>
        <aMinComRateSC c="EUR" e="2">0.20000000</aMinComRateSC>
        <percComRate>1.4000</percComRate>
      </cond>
      <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">1.82000000</aComEffSC>
      <aComEffBC c="EUR" e="2">1.82000000</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>
    ...
  </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 reconstructed¹ by adding up either column in Table 1.

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

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

¹ Only for MRX v1.5 and later versions.

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

clearingRegion: 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.

<i>Code value</i>	<i>Description</i>
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.

<i>Code value</i>	<i>Description</i>
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.

<i>Code value</i>	<i>Description</i>
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 st 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.

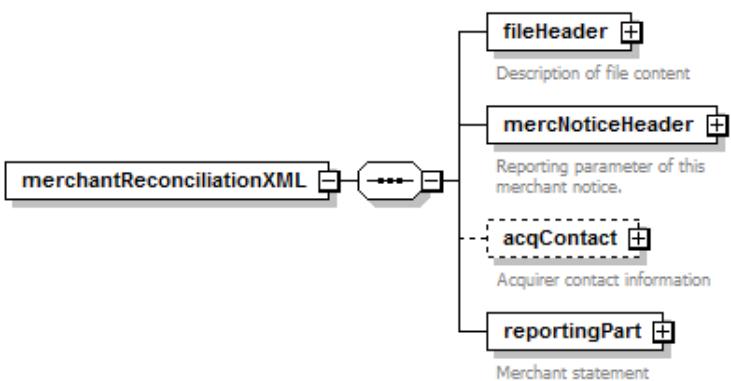
<i>Code value</i>	<i>Description</i>
0	Unspecified
1	Credit
2	Debit
3	Commercial

Table 13: Allowed values for field unBlendCat

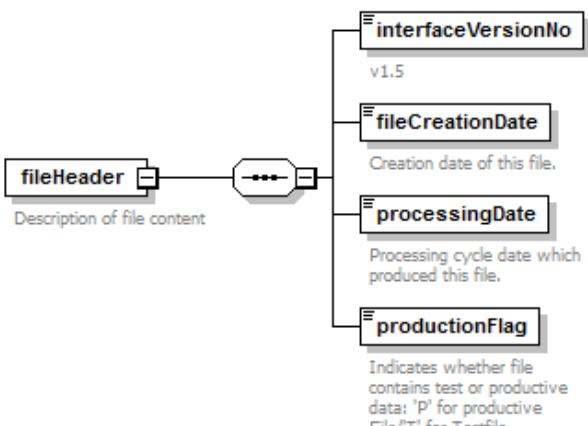
5 File structure and field description

5.1 MerchantReconciliationTypes

5.1.1 element *merchantReconciliationXML*

diagram	
properties	content complex
children	fileHeader mercNoticeHeader acqContact reportingPart

5.1.2 element *merchantReconciliationXML/fileHeader*

diagram	
properties	content complex
children	interfaceVersionNo fileCreationDate processingDate productionFlag
annotation	documentation Description of file content

5.1.3 element *merchantReconciliationXML/fileHeader/interfaceVersionNo*

diagram	
type	restriction of xs:string
properties	content simple
annotation	documentation v1.5

5.1.4 element *merchantReconciliationXML/fileHeader/fileCreationDate*

diagram	 fileCreationDate Creation date of this file.
type	xs:date
properties	content simple
annotation	documentation Creation date of this file

5.1.5 element *merchantReconciliationXML/fileHeader/processingDate*

diagram	 processingDate Processing cycle date which produced this file.
type	xs:date
properties	content simple
annotation	documentation Processing cycle date which produced this file.

5.1.6 element *merchantReconciliationXML/fileHeader/productionFlag*

diagram	 productionFlag Indicates whether file contains test or productive data: 'P' for productive File/'T' for Testfile
type	restriction of xs:string
properties	content simple
facets	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 { mercNoticeUniqueId mercNoticeDate noticePerFrom noticePerTo } mercNoticeHeader { <<Reporting parameter of this merchant notice.>> } mercNoticeHeader --> mercNoticeConfigType mercNoticeHeader "0..1" o--> mercNoticeConfigType mercNoticeConfigType "1..1" *--> mercNoticeHeader mercNoticeConfigType "1..1" *--> mercNoticeUniqueId mercNoticeConfigType "1..1" *--> mercNoticeDate mercNoticeConfigType "1..1" *--> noticePerFrom mercNoticeConfigType "1..1" *--> noticePerTo </pre>
type	extension of mercNoticeConfigType
properties	content complex
children	mercNoticeUniqueId mercNoticeDate noticePerFrom noticePerTo
annotation	documentation Reporting parameter of this merchant notice

5.1.8 element *merchantReconciliationXML/acqContact*

diagram	<pre> classDiagram mercNoticeContactType { contact phoneNo faxNo eMailAddr } acqContact { <<Acquirer contact information>> } acqContact --> mercNoticeContactType acqContact "0..1" o--> mercNoticeContactType mercNoticeContactType "1..1" *--> acqContact mercNoticeContactType "1..1" *--> contact mercNoticeContactType "1..1" *--> phoneNo mercNoticeContactType "1..1" *--> faxNo mercNoticeContactType "1..1" *--> eMailAddr </pre>
type	mercNoticeContactType
properties	content complex minOcc 0 maxOcc 1
children	contact phoneNo faxNo eMailAddr
annotation	documentation Acquirer contact information

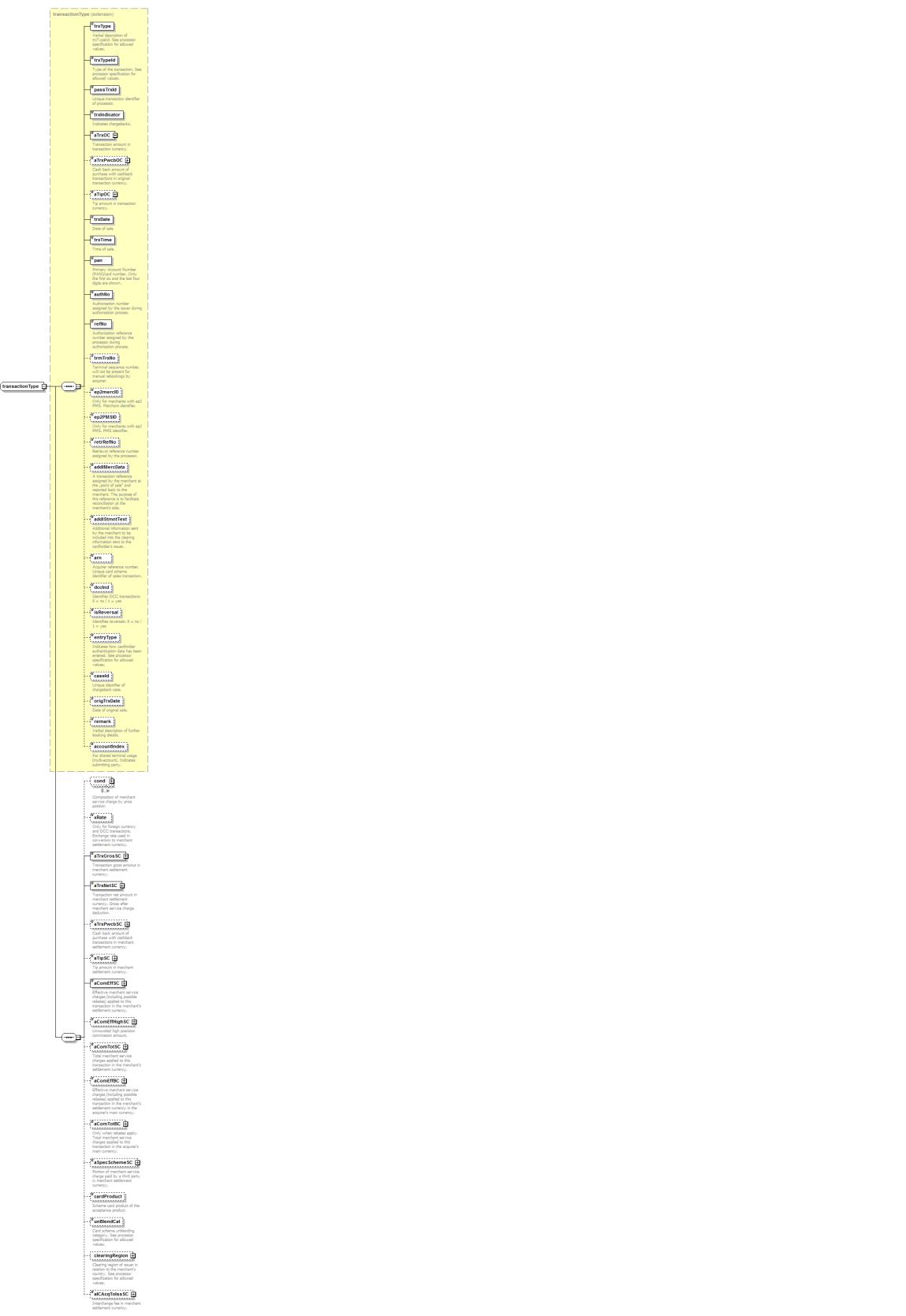
5.1.9 element *merchantReconciliationXML/reportingPart*

diagram	<pre> classDiagram class reportingPartType { settlingPart *--> reportingPart settlingPart *--> passRepPartId settlingPart *--> repPartAddr settlingPart *--> branchOfficeId settlingPart *--> sum } class reportingPart class passRepPartId class repPartAddr class branchOfficeId class sum </pre> <p>The diagram illustrates the structure of the reportingPartType element. It is a complex type containing a settlingPart element, which is aggregated by the reportingPart element. The settlingPart element also contains four other elements: passRepPartId, repPartAddr, branchOfficeId, and sum. passRepPartId is described as a unique identifier for the recipient of the merchant notice. repPartAddr is the recipient address. branchOfficeId is a merchant or acquirer defined identifier for a subsidiary or branch office. sum represents aggregation per currency.</p>
type	reportingPartType
properties	content complex
children	settlingPart passRepPartId repPartAddr branchOfficeId sum
annotation	documentation Merchant statement

5.2 MerchantReconciliationXML

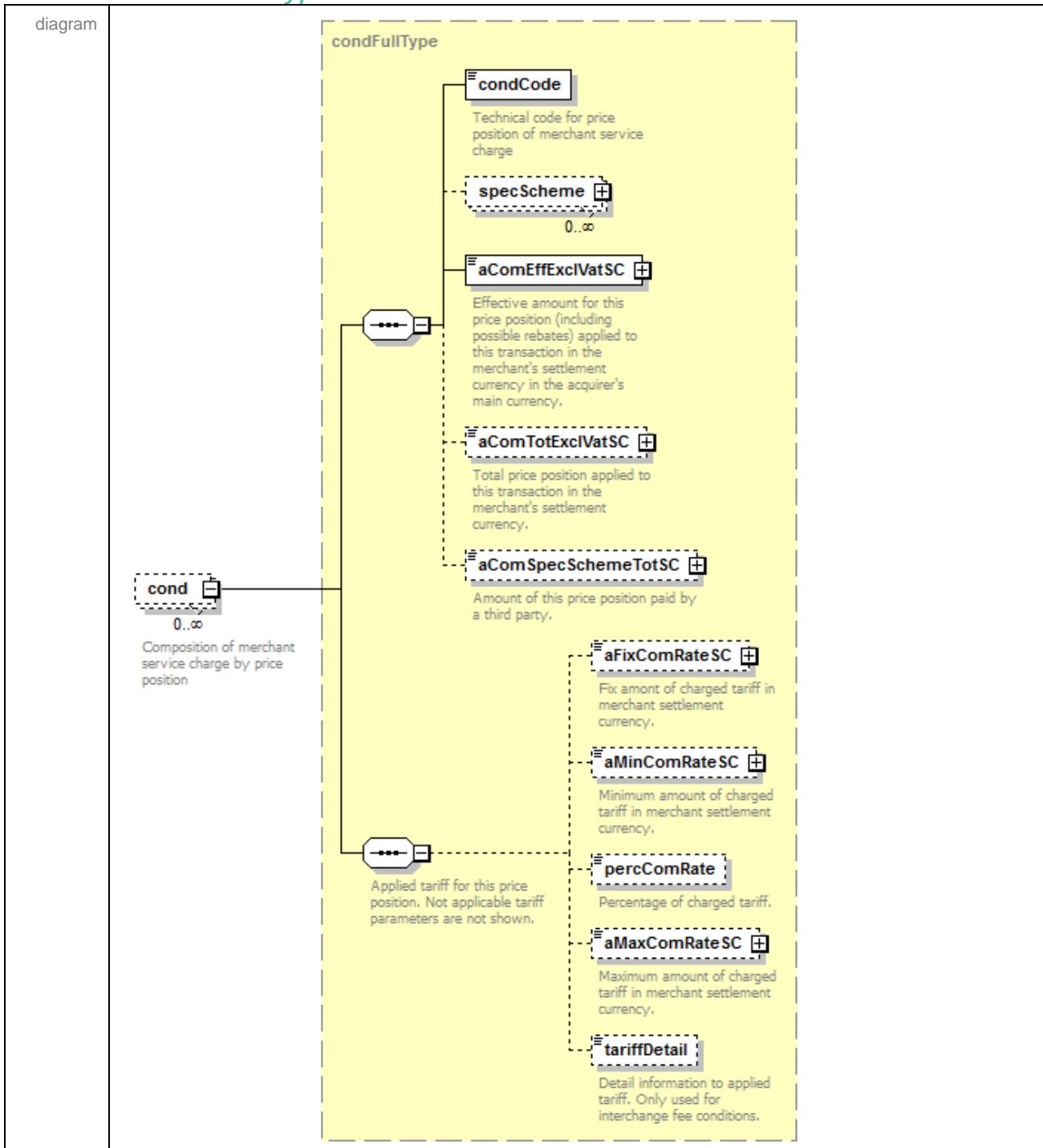
5.2.1 redefinition of *complexType transactionType*

diagram



type	extension of transactionType
properties	base transactionType
children	trxType trxTypeId passTrxId trxIndicator aTrxOC aTrxPwcbOC aTipOC trxDate trxTime pan authNo refNo trmTrxNo ep2merclD ep2PMSID retrRefNo addlMercData addlStmntText arn dccInd isReversal entryType caseld origTrxDate remark accountIndex cond xRate aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC cardProduct unBlendCat clearingRegion aICAcqTolssSC
used by	element summarySlipType/trx

element *transactionType/cond*



type	extension of condFullType
properties	content complex minOcc 0 maxOcc unbounded
children	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail
used by	element summarySlipType/trx
properties	minOcc 0 maxOcc unbounded content complex
annotation	documentation Composition of merchant service charge by price position

element *transactionType/xRate*

diagram	<p>Only for foreign currency and DCC transactions. Exchange rate used in conversion to merchant settlement currency.</p>
type	xs:decimal
properties	content simple minOcc 0 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>Transaction gross amount in merchant settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Transaction gross amount in merchant settlement currency.												

element *transactionType/aTrxNetSC*

diagram	<p>Transaction net amount in merchant settlement currency. Gross after merchant service charge deduction.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Transaction net amount in merchant settlement currency. Gross after merchant service charge deduction.												

element *transactionType/aTrxPwcbSC*

diagram	<p>Cash back amount of purchase with cashback transactions in merchant settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Cash back amount of purchase with cashback transactions in merchant settlement currency.												

element *transactionType/aTipSC*

diagram	<p>aTipSC Tip amount in merchant settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Tip amount in merchant settlement currency.												

element *transactionType/aComEffSC*

diagram	<p>aComEffSC Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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	<pre> classDiagram class amtType { <<derived>> aComEffHighSC attributes c, e } aComEffHighSC < -- amtType c --> "Currency code" e --> "exponent" </pre> <p>Unrounded high precision commission amount.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	<p>documentation</p> <p>Unrounded high precision commission amount.</p>												

element *transactionType/aComTotSC*

diagram	<pre> classDiagram class amtType { <<derived>> aComTotSC attributes c, e } aComTotSC < -- amtType c --> "Currency code" e --> "exponent" </pre> <p>Total merchant service charges applied to this transaction in the merchant's settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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>aComEffBC 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	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: 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>aComTotBC Only when rebates apply. Total merchant service charges applied to this transaction in the acquirer's main currency.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: 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	<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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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	xs:string						
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 xs:integer						
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>codeValueType</p> <p>clearingRegion</p> <p>Clearing region of issuer in relation to the merchant's country. See processor specification for allowed values.</p>						
type	codeValueType						
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	id name						
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>amtType</p> <p>aICAcqTolssSC</p> <p>Interchange fee in merchant settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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 "1" -- "*" name addressType "1" -- "*" line1 addressType "1" -- "*" line2 addressType "1" -- "*" line3 addressType "1" -- "*" line4 addressType "1" -- "*" city addressType "1" -- "*" zip addressType "1" -- "*" country fCopyFlag "*" -- "*" addressRecipientType </pre> <p>indicates if this is an original or a copy merc notice</p>
type	extension of <code>addressType</code>
properties	base <code>addressType</code>
children	<code>name</code> <code>line1</code> <code>line2</code> <code>line3</code> <code>line4</code> <code>city</code> <code>zip</code> <code>country</code> <code>fCopyFlag</code>

element *addressRecipientType/fCopyFlag*

diagram	<pre> classDiagram fCopyFlag "1" -- "*" addressRecipientType </pre> <p>indicates if this is an original or a copy merc notice</p>						
type	restriction of <code>xs:string</code>						
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>enumeration</td> <td>N</td> </tr> <tr> <td>enumeration</td> <td>Y</td> </tr> </table>	Kind	Value	enumeration	N	enumeration	Y
Kind	Value						
enumeration	N						
enumeration	Y						
annotation	documentation indicates if this is an original or a copy merc notice						

5.2.3 complexType addressType

diagram	
children	name line1 line2 line3 line4 city zip country
used by	elements businessPartType / busPartAddr reportingPartType / repPartAddr settlingPartType / stlPartAddr complexType addressRecipientType

element addressType/name

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element addressType/line1

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element addressType/line2

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element addressType/line3

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element addressType/line4

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element addressType/city

diagram	
type	xs:string
properties	content simple

element addressType/zip

diagram	
type	xs:string
properties	content simple

element addressType/country

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

5.2.4 complexType amtType

diagram	
type	extension of xs:decimal
properties	base xs:decimal
used by	elements closingBalanceType/aCIBalSC sumSCType/aComEffBC transactionType/aComEffBC condType/aComEffExclVatSC sumSCType/aComEffHighSC transactionType/aComEffHighSC topupTrxType/aComEffSC sumSCType/aComEffSC transactionType/aComEffSC condType/aComSpecSchemeTotSC sumSCType/aComTotBC transactionType/aComTotBC condType/aComTotExclVatSC sumSCType/aComTotSC transactionType/aComTotSC sumOCType/aDeTrxOC sumOCType/aErrTrxOC financialAdjustmentType/aAdjComEffSC financialAdjustmentType/aAdjGrosSC financialAdjustmentType/aAdjNetSC sumSCType/aFAdjNetSC condFullType/aFixComRateSC sumSCType/aGrosSC transactionType/aICAcqTolssSC condFullType/aMaxComRateSC

		<p>condFullType/aMinComRateSC sumSCType/aNetSC openingBalanceType/aOpBalSC sumSCType/aPaymentSC sumSCType/aRoundDiffSC specSchemeType/aSpecSchemeSC transactionType/aSpecSchemeSC sumSCType/aSpecSchemeSC baseTrxType/aTipOC sumOCType/aTipOC transactionType/aTipSC sumSCType/aTipSC sumSCType/aTrxGrosSC transactionType/aTrxGrosSC sumSCType/aTrxNetSC transactionType/aTrxNetSC topupTrxType/aTrxNetSC topupTrxType/aTrxOC baseTrxType/aTrxOC sumOCType/aTrxOC sumOCType/aTrxPwcbOC baseTrxType/aTrxPwcbOC transactionType/aTrxPwcbSC sumSCType/aTrxPwcbSC</p> <p>amtVATTType</p>												
attributes	<table border="1"> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation	e	derived by: xs:integer	required	documentation	currency code exponent
Name	Type	Use	Annotation											
c	derived by: xs:string	required	documentation											
e	derived by: xs:integer	required	documentation											

5.2.5 complexType amtVATTType

diagram	<pre> classDiagram class amtType { <<extension>> <<attributes>> c e } class amtVATTType { <<extension of amtType>> <<attributes>> aVATPer } </pre>																
type	extension of amtType																
properties	base amtType																
used by	elements sumSCType/aVatBC sumSCType/aVatSC																
attributes	<table border="1"> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation</td></tr> <tr> <td>aVATPer</td><td>xs:decimal</td><td>required</td><td>currency code exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation	e	derived by: xs:integer	required	documentation	aVATPer	xs:decimal	required	currency code exponent
Name	Type	Use	Annotation														
c	derived by: xs:string	required	documentation														
e	derived by: xs:integer	required	documentation														
aVATPer	xs:decimal	required	currency code exponent														

5.2.6 complexType *baseTrxType*

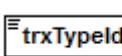
diagram	<pre> classDiagram class baseTrxType { <<txType>> <<trxTypeId>> <<passTrxId>> <<trxIndicator>> <<aTrxOC>> <<aTrxPwcbOC>> <<aTipOC>> <<trxDate>> <<trxTime>> <<pan>> <<authNo>> <<refNo>> <<trmTrxNo>> <<ep2mercID>> <<ep2PMSID>> <<retrRefNo>> <<addlMrcData>> <<addlStmntText>> <<arn>> <<dcclnd>> <<isReversal>> <<entryType>> <<caselD>> <<origTrxDate>> <<remark>> <<accountIndex>> } class baseTrxType { <<ep2mercID>> <<ep2PMSID>> <<retrRefNo>> <<addlMrcData>> <<addlStmntText>> <<arn>> <<dcclnd>> <<isReversal>> <<entryType>> <<caselD>> <<origTrxDate>> <<remark>> <<accountIndex>> } baseTrxType < -- baseTrxType </pre> <p>The diagram shows the <i>baseTrxType</i> class with several attributes. Some attributes are shown in two forms: a standard form and a dashed-line form, likely indicating different representations or states. The attributes are:</p> <ul style="list-style-type: none"> txType, trxTypeId, passTrxId, trxIndicator, aTrxOC, aTrxPwcbOC, aTipOC, trxDate, trxTime, pan, authNo, refNo, trmTrxNo, ep2mercID, ep2PMSID, retrRefNo, addlMrcData, addlStmntText, arn, dcclnd, isReversal, entryType, caselD, origTrxDate, remark, accountIndex.
children	txType trxTypeId passTrxId trxIndicator aTrxOC aTrxPwcbOC aTipOC trxDate trxTime pan authNo refNo trmTrxNo ep2mercID ep2PMSID retrRefNo addlMrcData addlStmntText arn dcclnd isReversal entryType caselD origTrxDate remark accountIndex

used by	complexType errTransactionType
---------	--

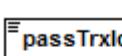
element *baseTrxType/trxType*

diagram	 trxType Verbal description of trxTypeId. See processor specification for allowed values.
type	xs:string
properties	content simple
annotation	documentation Verbal description of trxTypeId. See processor specification for allowed values.

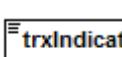
element *baseTrxType/trxTypeld*

diagram	 trxTypeld Type of the transaction. See processor specification for allowed values.
type	xs:string
properties	content simple
annotation	documentation Type of the transaction. See processor specification for allowed values.

element *baseTrxType/passTrxId*

diagram	 passTrxId Unique transaction identifier of processor.
type	xs:string
properties	content simple
annotation	documentation Unique transaction identifier of processor.

element *baseTrxType/trxIndicator*

diagram	 trxIndicator Indicates chargebacks.
type	xs:string
properties	content simple
annotation	documentation Indicates chargebacks.

element baseTrxType/aTrxOC

diagram	<pre> graph LR aTrxOC[aTrxOC] --> amtType[amtType] amtType --> c[c] amtType --> e[e] </pre> <p>The diagram shows the XML structure for the aTrxOC element. It consists of a yellow box labeled 'amtType' containing two attributes: 'c' (labeled 'Currency code') and 'e' (labeled 'exponent'). An arrow points from the aTrxOC element to the amtType box.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Transaction amount in transaction currency.												

element baseTrxType/aTrxPwcbOC

diagram	<pre> graph LR aTrxPwcbOC[aTrxPwcbOC] --> amtType[amtType] amtType --> c[c] amtType --> e[e] </pre> <p>The diagram shows the XML structure for the aTrxPwcbOC element. It consists of a yellow box labeled 'amtType' containing two attributes: 'c' (labeled 'Currency code') and 'e' (labeled 'exponent'). An arrow points from the aTrxPwcbOC element to the amtType box.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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 class amtType { <<amtType>> <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } aTipOC --> amtType note over aTipOC: Tip amount in transaction currency. </pre>												
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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Tip amount in transaction currency.												

element baseTrxType/trxDate

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

element baseTrxType/trxTime

diagram	<pre> classDiagram class trxTime note over trxTime: Time of sale. </pre>
type	xs:time
properties	content simple
annotation	documentation Time of sale

element baseTrxType/pan

diagram	<pre> classDiagram class pan note over pan: Primary Account Number (PAN)/card number. Only the first six and the last four digits are shown. </pre>
type	restriction of xs:string
properties	content simple
facets	Kind Value maxLength 19
annotation	documentation Primary Account Number (PAN)/card number. Only the first six and the last four digits are shown.

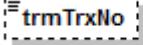
element baseTrxType/authNo

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

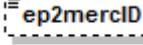
element baseTrxType/refNo

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

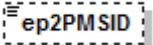
element baseTrxType/trmTrxNo

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

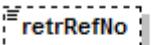
element baseTrxType/ep2mercid

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

element baseTrxType/ep2PMSID

diagram	 ep2PMSID Only for merchants with ep2 PMS, PMS identifier.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for merchants with ep2 PMS. PMS identifier.

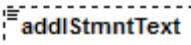
element baseTrxType/retrRefNo

diagram	 retrRefNo Retrieval reference number assigned by the processor.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Retrieval reference number assigned by the processor.

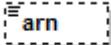
element baseTrxType/addlMercData

diagram	 addlMercData 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	xs:string
properties	content simple minOcc 0 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.

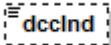
element baseTrxType/addlStmntText

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

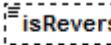
element baseTrxType/arn

diagram	 arn Acquirer reference number, Unique card scheme Identifier of sales transaction.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Acquirer reference number, Unique card scheme identifier of sales transaction.

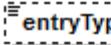
element baseTrxType/dccInd

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

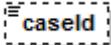
element baseTrxType/isReversal

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

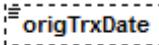
element baseTrxType/entryType

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

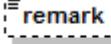
element baseTrxType/caseId

diagram	 Unique identifier of chargeback case.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Unique identifier of chargeback case.

element baseTrxType/origTrxDate

diagram	 Date of original sale.
type	xs:date
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Date of original sale.

element baseTrxType/remark

diagram	 Verbal description of further booking details.
type	xs:string
properties	content simple minOcc 0 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 xs:int
properties	content simple minOcc 0 maxOcc 1
annotation	documentation For shared terminal usage (multi-account). Indicates submitting party.

5.2.7 complexType *businessPartType*

diagram	<pre> classDiagram businessPartType < -- contract businessPartType < -- sum businessPartType --> passBusPartId businessPartType --> busPartAddr businessPartType --> branchOfficeId </pre> <p>contract \oplus 0..∞ Aggregation by contract. E.g. presence, E-Commerce, etc.</p> <p>passBusPartId Unique identifier of point of sale (business partner).</p> <p>busPartAddr \oplus Address of point of sale</p> <p>branchOfficeId Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> <p>sum \oplus Aggregation by currency.</p>
children	contract passBusPartId busPartAddr branchOfficeId sum
used by	element paymentType/businessPart

element *businessPartType/contract*

diagram	<pre> classDiagram businessPartType/contract < -- contractType businessPartType/contract < -- sum businessPartType/contract --> stlEntry businessPartType/contract --> extVPNo businessPartType/contract --> contractCategory </pre> <p>contract \oplus 0..∞ Aggregation by contract. E.g. presence, E-Commerce, etc.</p> <p>contractType (extension)</p> <p>stlEntry \oplus 0..∞ Booking entry on the technical merchant settlement account.</p> <p>extVPNo Unique identifier for point of sale and contract</p> <p>contractCategory Category of acceptance contract. See documentation for allowed values.</p> <p>sum \oplus Aggregation by currency.</p>						
type	extension of contractType						
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	stlEntry extVPNo contractCategory sum						
annotation	documentation Aggregation by contract. E.g. presence, E-Commerce, etc.						

element *businessPartType/passBusPartId*

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

element *businessPartType/busPartAddr*

diagram	<p>busPartAddr Address of point of sale</p> <p>The diagram shows a sequence of elements: busPartAddr (solid box) followed by a connector (double circle) and then addressType (dashed box). Inside addressType, there is a vertical stack of elements: name, line1, line2, line3, line4, city, zip, and country.</p>
type	addressType
properties	content complex
children	name line1 line2 line3 line4 city zip country
annotation	documentation Address of point of sale

element *businessPartType/branchOfficeId*

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

element *businessPartType/sum*

diagram	<pre> classDiagram class sum { <<Aggregation by currency.>> } class sumSC { <<Aggregation by merchant settlement currency>> } class sumOC { <<0..>> <<Aggregation by transaction currency>> } sum "1" -- "*" sumSC : sum "1" -- "*" sumOC : </pre>						
type	sum1SCManyOCType						
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	sumSC sumOC						
annotation	documentation Aggregation by currency.						

5.2.8 complexType *closingBalanceType*

diagram	<pre> classDiagram class closingBalanceType { <<closingBalanceType>> } class aCIBalSC { <<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.>> } class cIBalDate { <<Date when the balance of the technical merchant account couldn't be settled.>> } class cIBalReason { <<Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values.>> } closingBalanceType "1" -- "*" aCIBalSC : closingBalanceType "0..1" -- "*" cIBalDate : closingBalanceType "0..1" -- "*" cIBalReason : </pre>
children	aCIBalSC cIBalDate cIBalReason
used by	element paymentType/closingBalance

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	amtType												
properties	<p>content complex minOcc 0 maxOcc 1</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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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.												

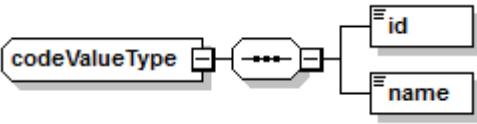
element closingBalanceType/cIBalDate

diagram	<p>Date when the balance of the technical merchant account couldn't be settled.</p>
type	xs:date
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	xs:string
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.

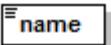
5.2.9 complexType *codeValueType*

diagram	
children	id name
used by	element transactionType/clearingRegion

element *codeValueType/id*

diagram	
type	xs:int
properties	content simple

element *codeValueType/name*

diagram	
type	xs:string
properties	content simple

5.2.10 complexType *condFullType*

diagram	<pre> classDiagram class condType { condCode specScheme "0..∞" aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC } class condFullType { < -- condType aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail } condType "++" --> "++" condFullType </pre>
type	extension of condType
properties	base condType
children	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail
used by	element transactionType/cond sumSCType/sumCond

element condFullType/aFixComRateSC

diagram	<p>aFixComRateSC Fix amount of charged tariff in merchant settlement currency.</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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Fix amount of charged tariff in merchant settlement currency.												

element condFullType/aMinComRateSC

diagram	<p>aMinComRateSC Minimum amount of charged tariff in merchant settlement currency.</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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Minimum amount of charged tariff in merchant settlement currency.												

element condFullType/percComRate

diagram	<p>percComRate Percentage of charged tariff.</p>						
type	restriction of xs:decimal						
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	<p>Maximum amount of charged tariff in merchant settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Maximum amount of charged tariff in merchant settlement currency.												

element condFullType/tariffDetail

diagram	<p>Detail information to applied tariff. Only used for interchange fee conditions.</p>						
type	xs:string						
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 < -- condCode condType < -- specScheme condType < -- aComEffExclVatSC condType < -- aComTotExclVatSC condType < -- aComSpecSchemeTotSC </pre> <p>condCode Technical code for price position of merchant service charge</p> <p>specScheme $0..\infty$</p> <p>aComEffExclVatSC</p> <p>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.</p> <p>aComTotExclVatSC</p> <p>Total price position applied to this transaction in the merchant's settlement currency.</p> <p>aComSpecSchemeTotSC</p> <p>Amount of this price position paid by a third party.</p>
children	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC
used by	complexType condFullType

element *condType/condCode*

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

element condType/specScheme

diagram							
type	specSchemeType						
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	programID schemeType aSpecSchemeSC						

element condType/aComEffExcIVatSC

diagram													
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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 Total price position applied to this transaction in the merchant's settlement currency.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Total price position applied to this transaction in the merchant's settlement currency.												

element condType/aComSpecSchemeTotSC

diagram	<p>aComSpecSchemeTotSC Amount of this price position paid by a third party.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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 --> stlEntry contractType --> sum stlEntry --> extVPNo stlEntry --> contractCategory sum --> contractCategory sum --> sum </pre> <p>stlEntry 0..∞ Booking entry on the technical merchant settlement account.</p> <p>extVPNo Unique identifier for point of sale and contract</p> <p>contractCategory Category of acceptance contract. See documentation for allowed values.</p> <p>sum Aggregation by currency.</p>
children	stlEntry extVPNo contractCategory sum
used by	element businessPartType/contract

element *contractType/stlEntry*

diagram	<pre> sequenceDiagram participant stlEntryType participant stlEntry participant fAdj participant sumSlip stlEntryType --> stlEntry stlEntry --> choice choice --> fAdj choice --> sumSlip </pre> <p>stlEntryType</p> <p>stlEntry 0..∞ Booking entry on the technical merchant settlement account.</p> <p>fAdj Financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product.</p> <p>sumSlip Delivery group as received by processor.</p>						
type	stlEntryType						
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	fAdj sumSlip						
annotation	documentation Booking entry on the technical merchant settlement account.						

element *contractType/extVPNo*

diagram	<p>extVPNo Unique identifier for point of sale and contract</p>						
type	xs:string						
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 Unique identifier for point of sale and contract						

element *contractType/contractCategory*

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

element *contractType/sum*

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

5.2.13 complexType errTransactionType

diagram	<pre> classDiagram class errTransactionType { <<extension of baseTrxType>> <<errTransactionType>> <<baseTrxType>> <<baseTrxType (extension)>> <<trxType>> <<trxTypeId>> <<passTrxId>> <<txIndicator>> <<aTrxOC>> <<aTrxPwcbOC>> <<aTrxOC>> <<trxDate>> <<trxTime>> <<pan>> <<authNo>> <<refNo>> <<termRefNo>> <<ep2merchId>> <<ep2PMISID>> <<rtrRefNo>> <<addlMerchData>> <<addlStrmmtText>> <<acqRefNo>> <<docCnd>> <<isReversal>> <<entryType>> <<caseId>> <<origTrxDate>> <<remark>> <<accountIndex>> <<trxErrTxt>> } </pre>
type	extension of baseTrxType
properties	base baseTrxType

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
used by	element summarySlipType/errTrx

element *errTransactionType/trxErrTxt*

diagram	 Reason for rejection.
type	xs:string
properties	content simple
annotation	documentation Reason for rejection.

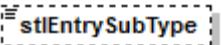
5.2.14 complexType *financialAdjustmentType*

diagram	<pre> classDiagram financialAdjustmentType *-- stlEntryType financialAdjustmentType *-- stlEntrySubType financialAdjustmentType *-- prod financialAdjustmentType *-- fAdjDate financialAdjustmentType *-- passStlEntryNo financialAdjustmentType *-- aFAdjNetSC financialAdjustmentType *-- aFAdjGrosSC financialAdjustmentType *-- aFAdjComEffSC financialAdjustmentType *-- vatPercentage financialAdjustmentType *-- fAdjText financialAdjustmentType *-- txtElem financialAdjustmentType *-- topupTrx </pre> <p>The diagram illustrates the structure of a financial adjustment type. It starts with a financialAdjustmentType object, which has several associations:</p> <ul style="list-style-type: none"> stlEntryType: Identifies the cause of a financial adjustment. See acquirer specification for allowed values. stlEntrySubType: Code indicating further details for monthly service charges. Currently only used for some stlEntryTypes to distinguish between credit/debit. prod: Acceptance product of this financial adjustment. See processor specification for allowed values. fAdjDate: Booking date of the financial adjustment. passStlEntryNo: Unique identifier of the financial adjustment. aFAdjNetSC: Booked amount. Only for stlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC aFAdjGrosSC: Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction": gross amount of the disputed transaction. aFAdjComEffSC: Only for stlEntryType 48 "Refund of disputed transaction": Merchant service charge of disputed transaction. vatPercentage: If charged service is VAT applicable: VAT percentage. fAdjText: Verbal description of further booking details. txtElem: Generated description of further booking details. (multiplicity 1..∞) topupTrx: Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj_Mob_Voucher". Details of sold mobile vouchers. (multiplicity 0..∞)
children	stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aFAdjNetSC aFAdjGrosSC aFAdjComEffSC vatPercentage fAdjText txtElem topupTrx
used by	element paymentType/fAdj stlEntryType/fAdj

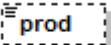
element *financialAdjustmentType/stlEntryType*

diagram	 stlEntryType Identifies the cause of a financial adjustment. See acquirer specification for allowed values.
type	xs:string
properties	content simple
annotation	documentation Identifies the cause of a financial adjustment. See acquirer specification for allowed values.

element *financialAdjustmentType/stlEntrySubType*

diagram	 stlEntrySubType Code indicating further details for monthly service charges. Currently only used for some stlEntryTypes to distinguish between credit/debit
type	xs:string
properties	content simple minOcc 0 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	 prod Acceptance product of this financial adjustment. See processor specification for allowed values.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Acceptance product of this financial adjustment. See processor specification for allowed values.

element *financialAdjustmentType/fAdjDate*

diagram	 fAdjDate Booking date of the financial adjustment
type	xs:date
properties	content simple
annotation	documentation Booking date of the financial adjustment

element *financialAdjustmentType/passStlEntryNo*

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

element *financialAdjustmentType/aFAdjNetSC*

diagram	<p>aFAdjNetSC Booked amount. Only for StlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC</p> <p>amtType</p> <p>attributes</p> <ul style="list-style-type: none"> c: Currency code e: exponent 												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Booked amount. Only for StlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC												

element *financialAdjustmentType/aFAdjGrosSC*

diagram	<p>aFAdjGros SC Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction": gross amount of the disputed transaction.</p> <p>amtType</p> <p>attributes</p> <ul style="list-style-type: none"> c: Currency code e: exponent 												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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>aFAdjComEffSC</p> <p>Only for stlEntryType 48 "Refund for disputed transaction": Merchant service charge of disputed transaction.</p>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Only for stlEntryType 48 "Refund for disputed transaction": Merchant service charge of disputed transaction.												

element *financialAdjustmentType/vatPercentage*

diagram	<p>vatPercentage</p> <p>If charged service is VAT applicable: VAT percentage</p>						
type	xs:decimal						
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>fAdjText</p> <p>Verbal description of further booking details.</p>
type	xs:string
properties	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	txtElementType
properties	content complex minOcc 1 maxOcc unbounded
children	id valueString valueDecimal valueDate valueLong valueBoolean
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 { *-- topupTrxType } note over topupTrx: Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers. </pre>						
type	topupTrxType						
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	trxType origin aTrxOC aComEffSC aTrxNetSC trxDate trxTime trmTrxNo ep2mercID ep2PMSID trmId trmPer prod						
annotation	documentation Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers						

5.2.15 complexType *mercNoticeConfigType*

diagram	<pre> classDiagram class mercNoticeConfigType class mercNoticeUniqueID class mercNoticeDate class noticePerFrom class noticePerTo mercNoticeConfigType "3" --> mercNoticeUniqueID mercNoticeConfigType "*" --> "3" {mercNoticeDate, noticePerFrom, noticePerTo} </pre>
children	mercNoticeUniqueID mercNoticeDate noticePerFrom noticePerTo
used by	element merchantReconciliationXML/mercNoticeHeader

element *mercNoticeConfigType/mercNoticeUniqueID*

diagram	
type	xs:string
properties	content simple
annotation	documentation Unique identifier of this merchant notice

element *mercNoticeConfigType/mercNoticeDate*

diagram	
type	xs:date
properties	content simple
annotation	documentation Creation date of this merchant notice

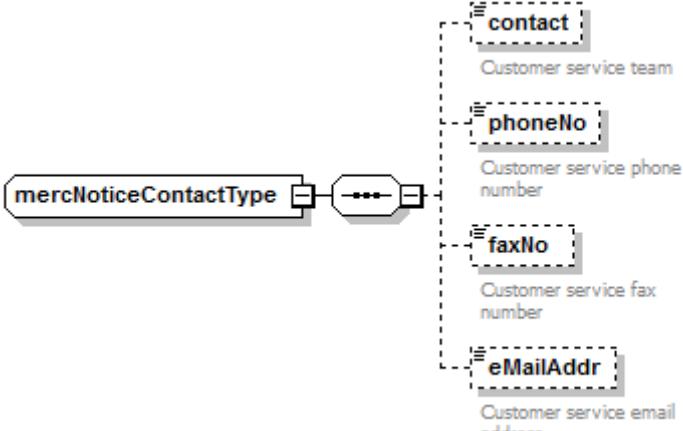
element *mercNoticeConfigType/noticePerFrom*

diagram	
type	xs:date
properties	content simple
annotation	documentation Beginning of reporting period

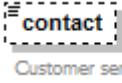
element *mercNoticeConfigType/noticePerTo*

diagram	
type	xs:date
properties	content simple
annotation	documentation End of reporting period

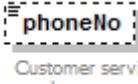
5.2.16 complexType *mercNoticeContactType*

diagram	
children	contact phoneNo faxNo eMailAddr
used by	element merchantReconciliationXML/acqContact

element *mercNoticeContactType/contact*

diagram	
type	xs:string
properties	content Simple minOcc 0 maxOcc 1
annotation	documentation Customer service team

element *mercNoticeContactType/phoneNo*

diagram	
type	xs:string
properties	content Simple minOcc 0 maxOcc 1
annotation	documentation Customer service phone number

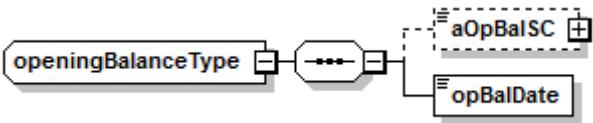
element *mercNoticeContactType/faxNo*

diagram	
type	xs:string
properties	content Simple minOcc 0 maxOcc 1
annotation	documentation Customer service fax number

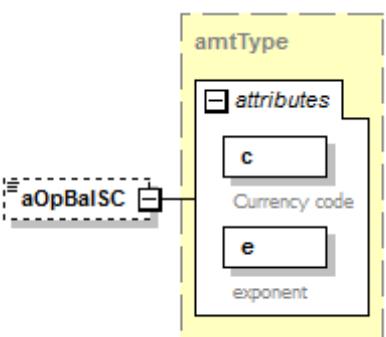
element *mercNoticeContactType/eMailAddr*

diagram	
type	xs:string
properties	content Simple minOcc 0 maxOcc 1
annotation	documentation Customer service email address

5.2.17 complexType *openingBalanceType*

diagram	
children	aOpBalSC opBalDate
used by	element paymentType/openingBalance

element *openingBalanceType/aOpBalSC*

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

element *openingBalanceType/opBalDate*

diagram	
type	xs:date
properties	content simple

5.2.18 complexType *paymentType*

diagram	<pre> classDiagram class paymentType { <<P>>; Payment instructions for merchant settlement have been sent. <<N>>; The balance of the technical merchant account couldn't be paid out. } class businessPart class fAdj class openingBalance class closingBalance class paymentType class paymentDate class paymentNo class extSettlingRefNo class valueDate class sum paymentType "P" --> businessPart : paymentType "N" --> fAdj : paymentType "P" --> openingBalance : paymentType "P" --> closingBalance : paymentType "P" --> paymentType : paymentType "P" --> paymentDate : paymentType "P" --> paymentNo : paymentType "P" --> extSettlingRefNo : paymentType "P" --> valueDate : paymentType "P" --> sum : </pre>
children	businessPart fAdj openingBalance closingBalance paymentType paymentDate paymentNo extSettlingRefNo valueDate sum
used by	element stlAccountType/payment

element *paymentType/businessPart*

diagram	<pre> classDiagram class businessPartType { <<businessPartType>> contract *--> businessPart businessPart *--> passBusPartId busPartAddr *--> branchOfficeId sum *--> currency } class businessPart { <<businessPart>> <<Aggregation by point of sale (business partner)>> } class passBusPartId { <<Unique identifier of point of sale (business partner)>> } class busPartAddr { <<Address of point of sale>> } class branchOfficeId { <<Merchant or acquirer defined identifier for a subsidiary or branch office (store)>> } class sum { <<Aggregation by currency.>> } class currency { <<Currency>> } businessPartType "0..∞" -- "*" businessPart businessPart "0..∞" -- "*" passBusPartId busPartAddr -- "*" branchOfficeId sum -- "*" currency </pre> <p>The diagram illustrates the structure of the <code>businessPartType</code> element. It contains four child elements: <code>contract</code>, <code>passBusPartId</code>, <code>busPartAddr</code>, and <code>sum</code>. The <code>businessPart</code> element is aggregated by <code>businessPartType</code> (multiplicity 0..∞). The <code>passBusPartId</code> and <code>busPartAddr</code> elements are aggregated by <code>businessPartType</code> (multiplicity 0..∞). The <code>branchOfficeId</code> element is aggregated by <code>busPartAddr</code> (multiplicity 0..∞). The <code>sum</code> element is aggregated by <code>businessPartType</code> (multiplicity 0..∞).</p>						
type	<code>businessPartType</code>						
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	<code>contract</code> <code>passBusPartId</code> <code>busPartAddr</code> <code>branchOfficeId</code> <code>sum</code>						
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 } fAdj "0..∞" --> financialAdjustmentType note over fAdj: Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc. </pre>
type	financialAdjustmentType
properties	<p>content complex minOcc 0 maxOcc unbounded</p>
children	stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aAdjNetSC aAdjGrosSC aAdjComEffSC vatPercentage fAdjText txtElem topupTrx
annotation	<p>documentation Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc.</p>

element paymentType/openingBalance

diagram	<p>openingBalanceType</p> <p>aOpBalSC</p> <p>opBalDate</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	openingBalanceType						
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	aOpBalSC opBalDate						
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>						

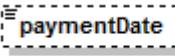
element paymentType/closingBalance

diagram	<p>closingBalanceType</p> <p>aCIBalSC</p> <p>clBalDate</p> <p>clBalReason</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 closed with the account's current balance.</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>						
type	closingBalanceType						
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	aCIBalSC clBalDate clBalReason						
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 xs:string						
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	xs:date						
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	xs:string						
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	xs:long						
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	<p>valueDate</p> <p>Only for paymentType "P". Value date of sent payment instruction.</p>						
type	xs:date						
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 paymentType "P". Value date of sent payment instruction.						

element *paymentType/sum*

diagram	<p>sum1SCManyOCType</p> <p>sum</p> <p>sumSC + Aggregation by merchant settlement currency</p> <p>sumOC + 0..∞ Aggregation by transaction currency</p>						
type	sum1SCManyOCType						
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	<u>sumSC</u> <u>sumOC</u>						

5.2.19 complexType *reportingPartType*

diagram	<p>settlingPart + 1..∞ Aggregation of merchant settlement information</p> <p>passRepPartId Unique identifier of the recipient of this merchant notice.</p> <p>repPartAddr + Recipient address</p> <p>branchOfficeId Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> <p>sum + Aggregation per currency</p>
children	<u>settlingPart</u> <u>passRepPartId</u> <u>repPartAddr</u> <u>branchOfficeId</u> <u>sum</u>
used by	element <u>merchantReconciliationXML/reportingPart</u>

element reportingPartType/settlingPart

diagram	<pre> classDiagram class settlingPart class settlingPartType { stlAccount "1..∞" passStlPartId stlPartAddr branchOfficeld sum } settlingPart "1..∞" --> settlingPartType </pre>
type	settlingPartType
properties	content complex minOcc 1 maxOcc unbounded
children	stlAccount passStlPartId stlPartAddr branchOfficeld sum
annotation	documentation Aggregation of merchant settlement information

element reportingPartType/passRepPartId

diagram	<pre> classDiagram class reportingPartType { passRepPartId } </pre>
type	xs:string
properties	content simple
annotation	documentation Unique identifier of the recipient of this merchant notice.

element reportingPartType/repPartAddr

diagram	<pre> classDiagram class repPartAddr { <<Recipient address>> } class addressType { <<addressType>> name line1 line2 line3 line4 city zip country } repPartAddr "1" *-- "*" addressType : Recipient address </pre>
type	addressType
properties	content complex
children	name line1 line2 line3 line4 city zip country
annotation	documentation Recipient address

element reportingPartType/branchOfficeId

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

element reportingPartType/sum

diagram	<pre> classDiagram class sum { <<Aggregation per currency>> } class sumSCManyOCType { <<1..>> sumSC } class sumOC { <<0..>> sumOC } sum "*" --> "1..>" sumSCManyOCType : Aggregation per merchant settlement currency sum "*" --> "0..>" sumOC : Aggregation per transaction currency </pre>
type	sumManySCManyOCType
properties	content complex minOcc 0 maxOcc 1
children	sumSC sumOC
annotation	documentation Aggregation per currency

5.2.20 complexType *settlingPartType*

diagram	<pre> classDiagram class settlingPartType class stlAccount { <<1..>> <<Aggregation by technical merchant settlement account of the processor>> } class passStlPartId { <<Unique identification of an owner of technical settlement accounts.>> } class stlPartAddr { <<Address of a technical settlement account's owner.>> } class branchOfficeId { <<Merchant or acquirer defined identifier for a subsidiary or branch office (store)>> } class sum { <<Aggregation by currency.>> } settlingPartType "1..*" o-- stlAccount stlAccount "*" o-- passStlPartId stlAccount "*" o-- stlPartAddr stlAccount "*" o-- branchOfficeId stlAccount "*" o-- sum </pre>
children	stlAccount passStlPartId stlPartAddr branchOfficeId sum
annotation	element reportingPartType/settlingPart

element *settlingPartType/stlAccount*

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

element settlingPartType/passStlPartId

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

element settlingPartType/stlPartAddr

diagram	<p>stlPartAddr</p> <p>Address of an technical settlement account's owner.</p>
type	addressType
properties	content complex
children	name line1 line2 line3 line4 city zip country
annotation	documentation Address of a technical settlement account's owner.

element settlingPartType/branchOfficeId

diagram	<p>branchOfficeId</p> <p>Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p>
type	xs:string
properties	content simple minOcc 0 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 <--> sumSC : Aggregation by currency. </pre>						
type	sumManySCManyOCType						
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	sumSC sumOC						
annotation	documentation Aggregation by currency.						

5.2.21 complexType specSchemeType

diagram	<pre> classDiagram class specSchemeType { programID schemeType aSpecSchemeSC } specSchemeType <--> 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	programID schemeType aSpecSchemeSC
used by	element condType/specScheme
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	xs:string
properties	content simple
annotation	documentation Unique identifier of a sharing scheme.

element specSchemeType/schemeType

diagram	<p>schemeType</p> <p>Describes the type of a sharing scheme for merchant service charges. See processor specification for allowed values.</p>
type	xs:string
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>aSpecSchemeSC</p> <p>Amount of the merchant service charge paid by a third party in the merchant's currency.</p> <p>amtType</p> <p>attributes</p> <ul style="list-style-type: none"> c: Currency code e: exponent 												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	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 { <<1..>> } class bcnr class bic class acctNo class passStlAcctNo class iban class product class stlCurCode class sum { <<+>> } stlAccountType "1..>" payment payment "1..>" sum payment "1..>" bcnr payment "1..>" bic payment "1..>" acctNo payment "1..>" passStlAcctNo payment "1..>" iban payment "1..>" product payment "1..>" stlCurCode </pre> <p>The diagram illustrates the structure of the <i>stlAccountType</i> complex type. It features a primary element <i>stlAccountType</i> which is aggregated by the <i>payment</i> element. The <i>payment</i> element, in turn, is aggregated by the <i>sum</i> element. The <i>payment</i> element also contains several other elements: <i>bcnr</i>, <i>bic</i>, <i>acctNo</i>, <i>passStlAcctNo</i>, <i>iban</i>, <i>product</i>, and <i>stlCurCode</i>. Each of these elements is associated with a descriptive text block.</p>
children	payment bcnr bic acctNo passStlAcctNo iban product stlCurCode sum
used by	element settlingPartType/stlAccount

element stlAccountType/payment

diagram	<pre> classDiagram paymentType < -- payment payment "1..> payment : Aggregation by merchant settlement (payment) paymentType "0..> businessPart : Aggregation by point of sale (business partner) paymentType "0..> fAdj : Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc. paymentType "0..> openingBalance : 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. paymentType "0..> closingBalance : 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. paymentType "0..> paymentType : "P": Payment instructions for merchant settlement have been sent. "N": The balance of the technical merchant account couldn't be paid out. paymentType "0..> paymentDate : Only for paymentType "P". The date when the payment instruction has been sent. paymentType "0..> paymentNo : Only for paymentType "P". Unique identifier of payment. paymentType "0..> extSettlingRefNo : paymentType "0..> valueDate : Only for paymentType "P". Value date of sent payment instruction. paymentType "0..> sum : </pre> <p>The diagram illustrates the structure of the payment element. It inherits from paymentType and is aggregated by payment (multiplicity 1..∞). It also aggregates businessPart (multiplicity 0..∞), fAdj (multiplicity 0..∞), openingBalance (multiplicity 0..∞), closingBalance (multiplicity 0..∞), another paymentType (multiplicity 0..∞), paymentDate (multiplicity 0..∞), paymentNo (multiplicity 0..∞), extSettlingRefNo (multiplicity 0..∞), valueDate (multiplicity 0..∞), and sum (multiplicity 0..∞). The paymentType class is highlighted in yellow.</p>						
type	paymentType						
properties	<table border="1"> <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	businessPart fAdj openingBalance closingBalance paymentType paymentDate paymentNo extSettlingRefNo valueDate sum						
annotation	documentation Aggregation by merchant settlement (payment)						

element *stlAccountType/bcnr*

diagram	 Clearing number of the merchant's bank
type	xs:string
properties	content simple minOcc 0 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	xs:string
properties	content simple minOcc 0 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	xs:string
properties	content simple
annotation	documentation Account number of the merchant's bank

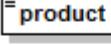
element *stlAccountType/passStlAcctNo*

diagram	 Unique identifier of the technical merchant settlement account
type	xs:integer
properties	content simple
annotation	documentation Unique identifier of the technical merchant settlement account

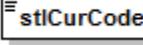
element *stlAccountType/iban*

diagram	 IBAN of the merchant's account
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation IBAN of the merchant's account

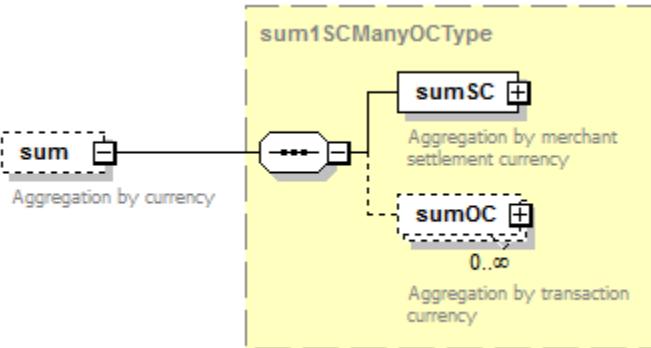
element *stlAccountType/product*

diagram	 product If technical account allows only settlement of a specific acceptance product: See processor specification for allowed values. No restriction on acceptance products: ALL
type	xs:string
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	 stlCurCode Merchant settlement currency
type	xs:string
properties	content simple
annotation	documentation Merchant settlement currency

element *stlAccountType/sum*

diagram	 sum1SCManyOCType Aggregation by currency Aggregation by merchant settlement currency Aggregation by transaction currency
type	sum1SCManyOCType
properties	content complex minOcc 0 maxOcc 1
children	sumSC sumOC
annotation	documentation Aggregation by currency.

5.2.23 complexType *stlEntryType*

diagram	<p>The diagram illustrates the <i>stlEntryType</i> as a choice element. It consists of two options: fAdj and sumSlip. A dashed line connects the <i>stlEntryType</i> box to a central connector, which then branches to both fAdj and sumSlip. Below this, a note states "choice - either fAdj or sumSlip".</p> <p>fAdj </p> <p>Financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product.</p> <p>sumSlip </p> <p>Delivery group as received by processor.</p>
children	fAdj sumSlip
used by	element contractType/stlEntry

element *stlEntryType/fAdj*

diagram	<pre> classDiagram class financialAdjustmentType { stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aFAdjNetSC aFAdjGrosSC aFAdjComEffSC vatPercentage fAdjText txtElem topupTrx } fAdj --> financialAdjustmentType fAdj "1..0" --> topupTrx fAdj --> txtElem fAdj --> fAdjText </pre> <p>financialAdjustmentType</p> <ul style="list-style-type: none"> stlEntryType: Identifies the cause of a financial adjustment. See acquirer specification for allowed values. stlEntrySubType: Code indicating further details for monthly service charges. Currently only used for some stlEntryTypes to distinguish between credit/debit prod: Acceptance product of this financial adjustment. See processor specification for allowed values. fAdjDate: Booking date of the financial adjustment passStlEntryNo: Unique identifier of the financial adjustment aFAdjNetSC: Booked amount. Only for StlEntryType 48 "Refund of disputed transaction"; aFAdjGrosSC-aFAdjComEffSC aFAdjGrosSC: Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction"; gross amount of the disputed transaction. aFAdjComEffSC: Only for stlEntryType 48 "Refund for disputed transaction"; Merchant service charge of disputed transaction. vatPercentage: If charged service is VAT applicable; VAT percentage fAdjText: Verbal description of further booking details. txtElem: Generated description of further booking details. topupTrx: Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj_Mob_Voucher". Details of sold mobile vouchers. <p>fAdj: Financial adjustment of a merchant settlement for charging provided services related to a specific acceptance product.</p>						
type	financialAdjustmentType						
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>1</td></tr> </table>	content	complex	minOcc	0	maxOcc	1
content	complex						
minOcc	0						
maxOcc	1						
children	stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aFAdjNetSC aFAdjGrosSC aFAdjComEffSC vatPercentage fAdjText txtElem topupTrx						
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..∞] +errTrx [0..∞] +prod +sumSlipDate +sumSlipTime +passSumSlipId +passStlEntryNo +origin +sumSlipId +trmId +trmPer +sumSlipText +sumSlipRemark +sum [+] } class sumSlip { -> summarySlipType } summarySlipType < -- sumSlip </pre> <p>The diagram illustrates the structure of the <code>summarySlipType</code> element. It is a complex type containing several components:</p> <ul style="list-style-type: none"> Processed transactions: Represented by the <code>trx</code> component, which can occur 0..∞ times. Rejected transactions: Represented by the <code>errTrx</code> component, which can occur 0..∞ times. Acceptance product: Represented by the <code>prod</code> component. Cut-off date: Represented by the <code>sumSlipDate</code> component. Cut-off time: Represented by the <code>sumSlipTime</code> component. Unique identifier for technical booking: Represented by the <code>passSumSlipId</code> component. Unique identifier for technical booking of gross amount: Represented by the <code>passStlEntryNo</code> component. Protocol used in delivery: Represented by the <code>origin</code> component. Only for paper sales slip submissions: Represented by the <code>sumSlipId</code> component. Terminal identifier: Represented by the <code>trmId</code> component. Terminal period: Represented by the <code>trmPer</code> component. Text associated with the sum slip: Represented by the <code>sumSlipText</code> component. Remark for manually restored delivery groups: Represented by the <code>sumSlipRemark</code> component. Aggregation by currency: Represented by the <code>sum</code> component, which has a plus sign (+) indicating aggregation. <p>A dashed line connects the <code>sumSlip</code> component to the <code>summarySlipType</code> class, indicating that <code>sumSlip</code> is a delivery group as received by the processor.</p>						
type	summarySlipType						
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	trx errTrx prod sumSlipDate sumSlipTime passSumSlipId passStlEntryNo origin sumSlipId trmId trmPer sumSlipText sumSlipRemark sum						
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 class named <code>sum1SC1OCType</code> represented by a rounded rectangle with a blue border. Two directed associations originate from this central class: one pointing to a class named <code>sumSC</code> (also in a rounded rectangle with a blue border), and another pointing to a class named <code>sumOC</code> (in a similar rounded rectangle). Both the <code>sumSC</code> and <code>sumOC</code> classes have a small '+' sign in their bottom right corner, indicating they are abstract classes. A callout box with a grey arrow points from the association line to the <code>sumSC</code> class, containing the text "Aggregation by merchant settlement currency". Another callout box points from the association line to the <code>sumOC</code> class, containing the text "Aggregation by transaction currency".</p>
children	sumSC sumOC
used by	element summarySlipType/sum

element sum1SC1OCType/sumSC

diagram	<pre> classDiagram class sumSCType { sumCond noPayments noValidTrx noValidTrxWithTip noValidTrxPwcb noSumSlip aNetSC aGrosSC aPaymentsSC aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aAdjNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC } sumSCType "0..>" sumSC sumSC "Aggregation by merchant settlement currency" </pre>
type	sumSCType
properties	content complex
children	sumCond noPayments noValidTrx noValidTrxWithTip noValidTrxPwcb noSumSlip aNetSC aGrosSC aPaymentSC aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aAdjNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC
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" --> sumOCType </pre>
type	sumOCType
properties	content complex
children	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC

5.2.25 complexType *sum1SCManyOCType*

diagram	<p>The diagram illustrates the structure of the complex type <code>sum1SCManyOCType</code>. It consists of three components: <code>sum1SCManyOCType</code>, <code>sumSC</code>, and <code>sumOC</code>. <code>sum1SCManyOCType</code> is represented by a rounded rectangle with a minus sign (-) at the bottom right. It has a solid line connecting to <code>sumSC</code>, which is also a rounded rectangle with a plus sign (+) at the bottom right. A dashed line connects <code>sum1SCManyOCType</code> to <code>sumOC</code>, which is a rounded rectangle with a plus sign (+) at the bottom right. The multiplicity '0..∞' is indicated below the dashed line. A callout box labeled 'Aggregation by merchant settlement currency' points to the solid line connection between <code>sum1SCManyOCType</code> and <code>sumSC</code>. Another callout box labeled 'Aggregation by transaction currency' points to the dashed line connection between <code>sum1SCManyOCType</code> and <code>sumOC</code>.</p>
children	sumSC sumOC
used by	elements businessPartType/sum contractType/sum paymentType/sum stlAccountType/sum

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 { <<Aggregation by merchant settlement currency>> } sumSCType "1" -- "0..>" sumSC </pre> <p>The diagram illustrates the structure of the sumSCType element. It contains several attributes represented as dashed boxes with descriptive labels:</p> <ul style="list-style-type: none"> sumCond: Merchant service charge details. noPayments: Number of payments. noValidTrx: Number of processed transactions. noValidTrxWithTip: Number of processed transactions which include a tip. noValidTrxPwcb: Number of processed purchase with cashback transactions. noSumSlip: Number of processed delivery groups. aNetSC: $= aTrxNetSC + aFAdjNetSC$. aGrosSC: $= aTrxGrosSC + aFAdjNetSC$. aPaymentSC: $= aNetSC + aRoundDiffSC$. This is the effective payment amount. This field is not present for non-payments. aTrxGrosSC: Delivered gross amount. aTrxNetSC: $= aTrxGrosSC - aComEffSC$. aTrxPwcbSC: Cash back amount in merchant settlement currency of purchase with cashback transactions. aTipSC: Tip amount. aAdjNetSC: Adjustment to net service charge. aRoundDiffSC: Rounding difference in payments. aComEffSC: Effective merchant service charges. aComEffHighSC: Unrounded effective merchant service charges. aComTotSC: Optionally only present when special scheme applies. aComEffBC: Optionally only present when VAT applies. aComTotBC: Optionally only present when special scheme and VAT applies. aSpecSchemeSC: Optionally only present when special scheme applies. aVatSC: $0..2$. If VAT is applicable: VAT amount. aVatBC: $0..2$. Optionally only present when VAT applies. <p>A solid line connects sumSCType to sumSC, indicating an aggregation relationship where sumSC is aggregated by sumSCType.</p>
type	sumSCType
properties	content complex
children	sumCond noPayments noValidTrx noValidTrxWithTip noValidTrxPwcb noSumSlip aNetSC aGrosSC aPaymentSC aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aAdjNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC
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 } class sumOC { <<0..>> "Aggregation by transaction currency" } sumOC "0..>" --> sumOCType </pre> <p>The diagram illustrates the structure of the sumOCType element. It is a complex type containing several atomic and complex components. The components include noValidTrx, noValidTrxWithTip, noValidTrxPwcb, noDelTrx, noSumSlip, aTrxOC, aTrxPwcbOC, aDelTrxOC, noErrTrx, aErrTrxOC, and aTipOC. Additionally, there is an aggregation relationship from sumOC to sumOCType, indicated by a line with a hollow diamond and the multiplicity 0..>.</p>						
type	sumOCType						
properties	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">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	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC						
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 is represented as a composite element with two aggregation relationships. The first relationship, labeled "sumSC", has a multiplicity of "1..∞" and is associated with the text "Aggregation per merchant settlement currency". The second relationship, labeled "sumOC", has a multiplicity of "0..∞" and is associated with the text "Aggregation per transaction currency".</p>
children	sumSC sumOC
used by	elements reportingPartType/sum settlingPartType/sum

element *sumManySCManyOCType/sumSC*

diagram	<pre> classDiagram class sumSCType { sumCond noPayments noValidTrx noValidTrxWithTip noValidTrxPwcb noSumSlip aNetSC aGrosSC aPaymentSC aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aAdiNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC } sumSCType "1..∞" --> "sumSC" </pre>						
type	sumSCType						
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	sumCond noPayments noValidTrx noValidTrxWithTip noValidTrxPwcb noSumSlip aNetSC aGrosSC aPaymentSC aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aAdiNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC						
annotation	documentation Aggregation per merchant settlement currency						

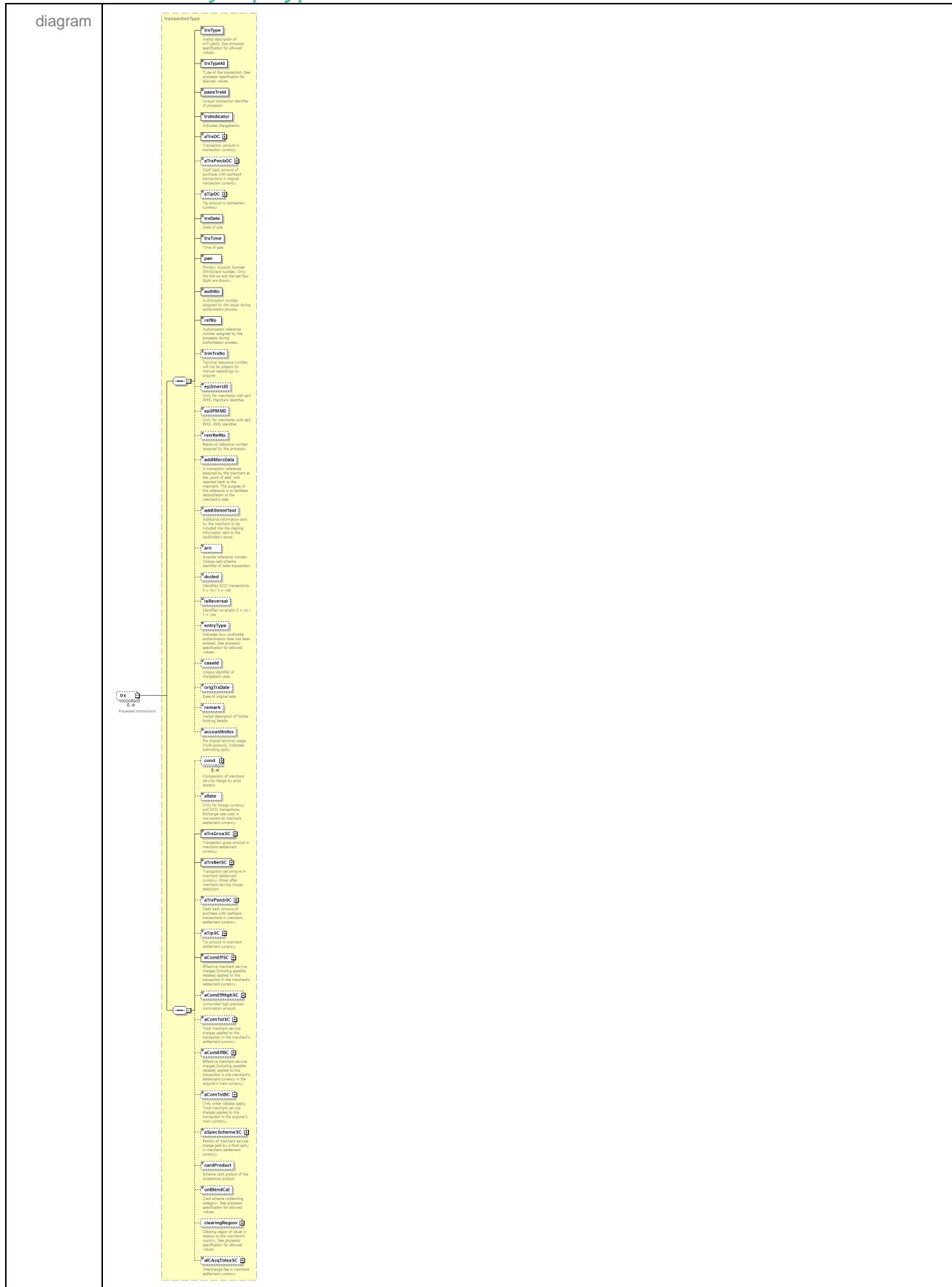
element *sumManySCManyOCType/sumOC*

diagram	<pre> classDiagram class sumOCType { noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC } class sumOC { <<0..>> "Aggregation per transaction currency" } sumOC "0..>" --> sumOCType : </pre> <p>The diagram shows the <code>sumOCType</code> class with the following attributes:</p> <ul style="list-style-type: none"> <code>noValidTrx</code>: Number of processed transactions <code>noValidTrxWithTip</code>: Number of processed transactions which include a tip <code>noValidTrxPwcb</code>: Number of processed purchase with cashback transactions <code>noDelTrx</code>: Number of delivered transactions <code>noSumSlip</code>: Number of processed delivery groups <code>aTrxOC</code>: Processed transaction gross amount <code>aTrxPwcbOC</code>: Cash back amount in original transaction currency of purchase with cashback transactions. <code>aDelTrxOC</code>: Delivered transaction gross amount <code>noErrTrx</code>: Number of rejected transactions <code>aErrTrxOC</code>: Rejected gross amount <code>aTipOC</code>: Tip amount <p>An aggregation relationship exists between <code>sumOC</code> and <code>sumOCType</code>, labeled "Aggregation per transaction currency".</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	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC						
annotation	documentation Aggregation by transaction currency						

5.2.27 complexType *summarySlipType*

diagram	<pre> classDiagram class summarySlipType { <<summarySlipType>> } class trx { <<Processed transactions>> } class errTrx { <<Rejected transactions>> } class prod { <<Acceptance product (see processor specification for allowed values)>> } class sumSlipDate { <<Cut-off date for this period>> } class sumSlipTime { <<Cut-off time for this period>> } class passSumSlipId { <<Unique identifier for technical booking of gross amount.>> } class passStlEntryNo { <<Unique identifier for technical booking of gross amount.>> } class origin { <<Protocol used in delivery of transaction to processor. See documentation for allowed values.>> } class sumSlipId { <<Only for paper sales slip submissions. Identifies sales slip.>> } class trmId { <<Terminal identifier>> } class trmPer { <<Terminal period of this delivery group.>> } class sumSlipText { <<>> } class sumSlipRemark { <<Only for manually restored delivery groups. Refers to the causing incident.>> } class sum { <<Aggregation by currency>> } summarySlipType "1" -- "*" :> trx summarySlipType "1" -- "*" :> errTrx summarySlipType "1" -- "*" :> prod summarySlipType "1" -- "*" :> sumSlipDate summarySlipType "1" -- "*" :> sumSlipTime summarySlipType "1" -- "*" :> passSumSlipId summarySlipType "1" -- "*" :> passStlEntryNo summarySlipType "1" -- "*" :> origin summarySlipType "1" -- "*" :> sumSlipId summarySlipType "1" -- "*" :> trmId summarySlipType "1" -- "*" :> trmPer summarySlipType "1" -- "*" :> sumSlipText summarySlipType "1" -- "*" :> sumSlipRemark summarySlipType "1" -- "*" :> sum </pre> <p>The diagram illustrates the structure of the <i>summarySlipType</i> complex type. It consists of a root element <i>summarySlipType</i> which has multiple associations (indicated by dashed lines with open circles) to other 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>trmId</i>, <i>trmPer</i>, <i>sumSlipText</i>, <i>sumSlipRemark</i>, and <i>sum</i>. The <i>sum</i> association is specifically labeled as "Aggregation by currency".</p>
children	trx errTrx prod sumSlipDate sumSlipTime passSumSlipId passStlEntryNo origin sumSlipId trmId trmPer sumSlipText sumSlipRemark sum
used by	element stlEntryType/sumSlip

element summarySlipType/trx



type	<u>transactionType</u>						
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	<u>trxType</u> <u>trxTypeld</u> <u>passTrxId</u> <u>trxIndicator</u> <u>aTrxOC</u> <u>aTrxPwcbOC</u> <u>aTipOC</u> <u>trxDate</u> <u>trxTime</u> <u>pan</u> <u>authNo</u> <u>refNo</u> <u>trmTrxNo</u> <u>ep2mercID</u> <u>ep2PMSID</u> <u>retrRefNo</u> <u>addlMercData</u> <u>addlStmntText</u> <u>arn</u> <u>dccInd</u> <u>isReversal</u> <u>entryType</u> <u>caseld</u> <u>origTrxDate</u> <u>remark</u> <u>accountIndex</u> <u>cond</u> <u>xRate</u> <u>aTrxGrosSC</u> <u>aTrxNetSC</u> <u>aTrxPwcbSC</u> <u>aTipSC</u> <u>aComEffSC</u> <u>aComEffHighSC</u> <u>aComTotSC</u> <u>aComEffBC</u> <u>aComTotBC</u> <u>aSpecSchemeSC</u> <u>cardProduct</u> <u>unBlendCat</u> <u>clearingRegion</u> <u>aICAcqTolssSC</u>						
annotation	documentation Processed transactions						

element summarySlipType/errTrx

diagram	<pre> classDiagram class errTransactionType { #trxType #trxTypeId #passTrxId #trxIndicator #aTrxOC #aTrxPwcbOC #aTipOC #trxDate #trxTime #pan #authNo #refNo #termTrxId #ep2mercID #ep2PMSD #retRefNo #addlMerchData #addlmtText #ar #dcclnd #isReversal #entryType #casId #origIndate #remark #accountIndex } class errTrx { *errTrx 0..> errTransactionType : Rejected transactions *trnErrTxt *reasonForRejection } errTrx "*" --> "2" errTransactionType : Reason for rejection. </pre> <p>The diagram illustrates the structure of the <code>errTransactionType</code> element. It contains the following attributes:</p> <ul style="list-style-type: none"> <code>#trxType</code>: Verbal description of <code>txType</code>. See processor specification for allowed values. <code>#trxTypeId</code>: Type of the transaction. See processor specification for allowed values. <code>#passTrxId</code>: Unique transaction identifier of processor. <code>#trxIndicator</code>: Indicates chargebacks. <code>#aTrxOC</code>: Transaction amount in transaction currency. <code>#aTrxPwcbOC</code>: Cash back amount of purchase with cashback transactions in original transaction currency. <code>#aTipOC</code>: Tip amount in transaction currency. <code>#trxDate</code>: Date of sale. <code>#trxTime</code>: Time of sale. <code>#pan</code>: Primary Account Number (PAN). Masked PAN. Only the first six and the last four digits are shown. <code>#authNo</code>: Authorization number assigned by the issuer during authorization process. <code>#refNo</code>: Authorization reference number assigned by the processor during authorization process. <code>#termTrxId</code>: Terminal sequence number, may not be present for manual rebokings by acquirer. <code>#ep2mercID</code>: Only for merchants with ep2 PMS. Merchant identifier. <code>#ep2PMSD</code>: Only for merchants with ep2 PMS. PMS identifier. <code>#retRefNo</code>: Retrieval reference number assigned by the processor. <code>#addlMerchData</code>: A transaction reference used by merchant at the "point of sale" and reported back to the merchant. The purpose of this field is to facilitate reconciliation at the merchant's side. <code>#addlmtText</code>: Additional information sent by the merchant to be included in the clearing information sent to the cardholder's issuer. <code>#ar</code>: Acquirer reference number. Unique card reference identifier for sales transaction. <code>#dcclnd</code>: Identifies DCC transactions: 0 = no / 1 = yes. <code>#isReversal</code>: Specifies reversals: 0 = no / 1 = yes. <code>#entryType</code>: Indicates how cardholder authentication data has been entered. See processor specification for allowed values. <code>#casId</code>: Unique identifier of chargeback case. <code>#origIndate</code>: Date of original sale. <code>#remark</code>: Verbal description of further booking details. <code>#accountIndex</code>: For shared terminal usage (multi-account). Indicates submitting party. <p>The <code>errTrx</code> class is associated with <code>errTransactionType</code> through a multiplicity of 0..> and a role name of "Rejected transactions". Additionally, there is a self-referencing association named "Reason for rejection" with multiplicity *.</p>
type	errTransactionType

properties	content complex minOcc 0 maxOcc unbounded
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
annotation	documentation Rejected transactions

element *summarySlipType/prod*

diagram	 prod Acceptance product (see processor specification for allowed values)
type	xs:string
properties	content simple
annotation	documentation Acceptance product (see processor specification for allowed values)

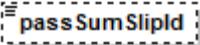
element *summarySlipType/sumSlipDate*

diagram	 sumSlipDate Cut-off date for this period
type	xs:date
properties	content simple
annotation	documentation Cut-off date for this period

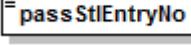
element *summarySlipType/sumSlipTime*

diagram	 sumSlipTime Cut-off time for this period
type	xs:time
properties	content simple
annotation	documentation Cut-off time for this period

element *summarySlipType/passSumSlipId*

diagram	 passSumSlipId
type	xs:string
properties	content simple minOcc 0 maxOcc 1

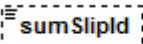
element *summarySlipType/passStlEntryNo*

diagram	 passStlEntryNo Unique identifier for technical booking of gross amount.
type	xs:string
properties	content simple
annotation	documentation Unique identifier for technical booking of gross amount.

element *summarySlipType/origin*

diagram	 origin Protocol used in delivery of transaction to processor. See documentation for allowed values.
type	xs:string
properties	content simple
annotation	documentation Protocol used in delivery of transaction to processor. See documentation for allowed values.

element *summarySlipType/sumSlipId*

diagram	 sumSlipId Only for paper sales slip submissions. Identifies sales slip.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for paper sales slip submissions. Identifies sales slip.

element *summarySlipType/trmId*

diagram	 trmId Terminal identifier
type	xs:string
properties	content simple
annotation	documentation Terminal identifier

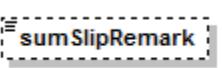
element summarySlipType/trmPer

diagram	 Terminal period of this delivery group.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Terminal period of this delivery group.

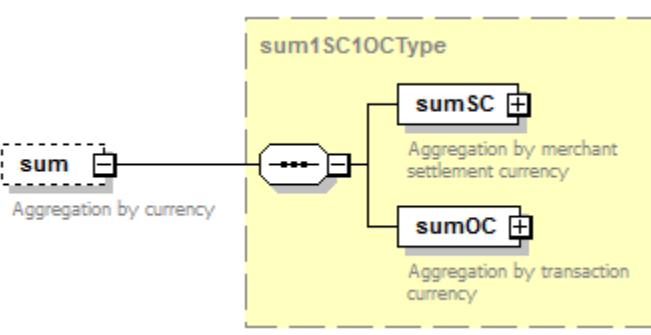
element summarySlipType/sumSlipText

diagram	
type	xs:string
properties	content simple minOcc 0 maxOcc 1

element summarySlipType/sumSlipRemark

diagram	 Only for manually restored delivery groups. Refers to the causing incident.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for manually restored delivery groups. Refers to the causing incident.

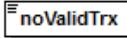
element summarySlipType/sum

diagram	 The diagram shows the 'sum' element (represented by a square icon) connected to a dashed-line box labeled 'sum1SC1OCType'. Inside this box, there are two more elements: 'sumSC' (with a plus sign) and 'sumOC' (with a plus sign). A connector between 'sum' and 'sum1SC1OCType' is labeled 'Aggregation by currency'. Inside the box, connectors from 'sumSC' and 'sumOC' are labeled 'Aggregation by merchant settlement currency' and 'Aggregation by transaction currency' respectively.
type	sum1SC1OCType
properties	content complex minOcc 0 maxOcc 1
children	sumSC sumOC
annotation	documentation Aggregation by currency

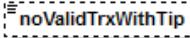
5.2.28 complexType *sumOCType*

diagram	<pre> classDiagram class sumOCType { noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC } sumOCType < -- noValidTrx sumOCType < -- noValidTrxWithTip sumOCType < -- noValidTrxPwcb sumOCType < -- noDelTrx sumOCType < -- noSumSlip sumOCType --> aTrxOC sumOCType --> aTrxPwcbOC sumOCType --> aDelTrxOC sumOCType --> noErrTrx sumOCType --> aErrTrxOC sumOCType --> aTipOC </pre> <p>The diagram illustrates the structure of the <i>sumOCType</i> complex type. It consists of the following components:</p> <ul style="list-style-type: none"> noValidTrx: Number of processed transactions. noValidTrxWithTip: Number of processed transactions which include a tip. noValidTrxPwcb: Number of processed purchase with cashback transactions. noDelTrx: Number of delivered transactions. noSumSlip: Number of processed delivery groups. aTrxOC: Processed transaction gross amount. aTrxPwcbOC: Cash back amount in original transaction currency of purchase with cashback transactions. aDelTrxOC: Delivered transaction gross amount. noErrTrx: Number of rejected transactions. aErrTrxOC: Rejected gross amount. aTipOC: Tip amount. <p>The <i>sumOCType</i> element is associated with all these components via dashed lines, indicating they are children of the complex type.</p>
children	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC
used by	elements sumManySCManyOCType/sumOC sum1SC1OCType/sumOC sum1SCManyOCType/sumOC

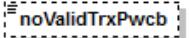
element sumOCType/noValidTrx

diagram	 noValidTrx Number of processed transactions
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed transactions

element sumOCType/noValidTrxWithTip

diagram	 noValidTrxWithTip Number of processed transactions which include a tip
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed transactions which include a tip

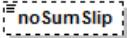
element sumOCType/noValidTrxPwcb

diagram	 noValidTrxPwcb Number of processed purchase with cashback transactions
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed purchase with cashback transactions

element sumOCType/noDelTrx

diagram	 noDelTrx Number of delivered transactions
type	xs:integer
properties	content simple
annotation	documentation Number of delivered transactions

element sumOCType/noSumSlip

diagram	 noSumSlip Number of processed delivery groups
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed delivery groups

element sumOCType/aTrxOC

diagram	<p>The diagram shows a UML class named 'amtType' with two attributes: 'c' (Currency code) and 'e' (exponent). A reference line connects the 'aTrxOC' element to the 'amtType' class.</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Processed transaction gross amount												

element sumOCType/aTrxPwcbOC

diagram	<p>The diagram shows a UML class named 'amtType' with two attributes: 'c' (Currency code) and 'e' (exponent). A reference line connects the 'aTrxPwcbOC' element to the 'amtType' class. A note below the diagram states: 'Cash back amount in original transaction currency of purchase with cashback transactions.'</p>												
type	amtType												
properties	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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Cash back amount in original transaction currency of purchase with cashback transactions.												

element sumOCType/aDelTrxOC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aDelTrxOC { <<Delivered transaction gross amount>> } aDelTrxOC --> amtType </pre>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Delivered transaction gross amount												

element sumOCType/noErrTrx

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class noErrTrx { <<Number of rejected transactions>> } noErrTrx --> amtType </pre>
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of rejected transactions

element sumOCType/aErrTrxOC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aErrTrxOC { <<Rejected gross amount>> } aErrTrxOC --> amtType </pre>												
type	amtType												
properties	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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Rejected gross amount												

element sumOCType/aTipOC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aTipOC { <<Tip amount>> } aTipOC "2..1" --> amtType </pre>												
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</th> </tr> </thead> <tbody> <tr> <td>c</td> <td>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Tip amount												

5.2.29 complexType *sumSCType*

diagram	<pre> classDiagram sumCond < -- sumSCType sumSCType < -- noPayments sumSCType < -- noValidTrx sumSCType < -- noValidTrxWithTip sumSCType < -- noValidTrxPwcb sumSCType < -- noSumSlip sumSCType < -- aNetSC sumSCType < -- aGrosSC sumSCType < -- aPaymentSC sumSCType < -- aTrxGrossSC sumSCType < -- aTrxNetSC sumSCType < -- aTrxPwcbSC sumSCType < -- aTipSC sumSCType < -- aAdjNetSC sumSCType < -- aRoundDiffSC sumSCType < -- aComEffSC sumSCType < -- aComEffHighSC sumSCType < -- aComTotSC sumSCType < -- aComEffBC sumSCType < -- aComTotBC sumSCType < -- aSpecSchemeSC sumSCType < -- aVatSC sumSCType < -- aVatBC </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 aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail } class sumCond { * 0..∞ Merchant service charge details --> condCode --> tariffDetail } aComEffExclVatSC, aComTotExclVatSC, aComSpecSchemeTotSC, aFixComRateSC, aMinComRateSC, percComRate, aMaxComRateSC, tariffDetail < -- deprecated </pre>
type	condFullType
properties	<p>content complex</p> <p>minOcc 0</p> <p>maxOcc unbounded</p>
children	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail
annotation	documentation Merchant service charge details

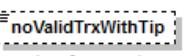
element *sumSCType/noPayments*

diagram	 noPayments Number of payments
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of payments

element *sumSCType/noValidTrx*

diagram	 noValidTrx Number of processed transactions
type	xs:integer
properties	content simple
annotation	documentation Number of processed transactions

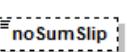
element *sumSCType/noValidTrxWithTip*

diagram	 noValidTrxWithTip Number of processed transactions which include a tip
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed transactions which include a tip

element *sumSCType/noValidTrxPwcb*

diagram	 noValidTrxPwcb Number of processed purchase with cashback transactions
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed purchase with cashback transactions

element *sumSCType/noSumSlip*

diagram	 noSumSlip Number of processed delivery groups
type	xs:integer
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Number of processed delivery groups

element sumSCType/aNetSC

diagram	<pre> classDiagram class amtType { <<amtType>> <<attributes>> c e } class aNetSC { <<aNetSC>> = aTrxNetSC + aFAdjNetSC } aNetSC --> amtType </pre>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation = aTrxNetSC + aFAdjNetSC												

element sumSCType/aGrosSC

diagram	<pre> classDiagram class amtType { <<amtType>> <<attributes>> c e } class aGrosSC { <<aGrosSC>> = aTrxGrosSC + aFAdjNetSC } aGrosSC --> amtType </pre>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation = aTrxGrosSC + aFAdjNetSC												

element sumSCType/aPaymentSC

diagram	<p>= aNetSC + aRoundDiffSC. 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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation 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	<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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Delivered gross amount												

element sumSCType/aTrxNetSC

diagram	<pre> classDiagram aTrxNetSC --> amtType amtType { <<amtType>> attributes c "Currency code" e "exponent" } </pre>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation = aTrxGrosSC - aComEffSC												

element sumSCType/aTrxPwcbSC

diagram	<pre> classDiagram aTrxPwcbSC --> amtType amtType { <<amtType>> attributes c "Currency code" e "exponent" } </pre> <p>Cash back amount in merchant settlement currency of purchase with cashback transactions.</p>												
type	amtType												
properties	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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Cash back amount in merchant settlement currency of purchase with cashback transactions.												

element sumSCType/aTipSC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aTipSC { <<Tip amount>> } aTipSC --> amtType </pre>												
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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Tip amount												

element sumSCType/aFAdjNetSC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aFAdjNetSC { <<>> } aFAdjNetSC --> amtType </pre>												
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</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										

element sumSCType/aRoundDiffSC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<e>> } class aRoundDiffSC { <<Rounding difference in payments>> } aRoundDiffSC --> c </pre>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Rounding difference in payments												

element sumSCType/aComEffSC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<e>> } class aComEffSC { <<Effective merchant service charges>> } aComEffSC --> c </pre>												
type	amtType												
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Effective merchant service charges												

element sumSCType/aComEffHighSC

diagram	<pre> classDiagram class amtType { <<amtType>> <<attributes>> c e } class aComEffHighSC { <<aComEffHighSC>> Unrounded effective merchant service charges } aComEffHighSC < -- amtType </pre>												
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												
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Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Unrounded effective merchant service charges												

element sumSCType/aComTotSC

diagram	<pre> classDiagram class amtType { <<amtType>> <<attributes>> c e } class aComTotSC { <<aComTotSC>> optional: only present when special scheme applies } aComTotSC < -- amtType </pre>												
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												
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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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation optional: only present when special scheme applies												

element sumSCType/aComEffBC

diagram	<p>optional: only present when VAT applies</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						
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Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation optional: only present when VAT applies												

element sumSCType/aComTotBC

diagram	<p>optional: only present when special scheme and VAT applies</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						
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Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation optional: only present when special scheme and VAT applies												

element sumSCType/aSpecSchemeSC

diagram	<p>The diagram illustrates the structure of the <code>amtType</code>. It is a complex type containing two attributes: <code>c</code> (Currency code, derived by <code>xs:string</code>) and <code>e</code> (exponent, derived by <code>xs:integer</code>). A dashed line connects the <code>aSpecSchemeSC</code> element to the <code>amtType</code>, indicating it is optional and only present when a special scheme applies.</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						
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attributes	<table> <thead> <tr> <th>Name</th><th>Type</th><th>Use</th><th>Annotation</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: <code>xs:string</code></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: <code>xs:integer</code></td><td>required</td><td>documentation exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: <code>xs:string</code>	required	documentation currency code	e	derived by: <code>xs:integer</code>	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: <code>xs:string</code>	required	documentation currency code										
e	derived by: <code>xs:integer</code>	required	documentation exponent										
annotation	documentation optional: only present when special scheme applies												

element sumSCType/aVatSC

diagram	<p>The diagram illustrates the structure of the <code>amtVATTType</code>. It is a complex type containing three attributes: <code>c</code> (Currency code, derived by <code>xs:string</code>), <code>e</code> (exponent, derived by <code>xs:integer</code>), and <code>aVATPerc</code> (VAT amount, derived by <code>xs:decimal</code>). A dashed line connects the <code>aVatSC</code> element to the <code>amtVATTType</code>, indicating it can occur 0..2 times. The annotation specifies that it represents the VAT amount if VAT is applicable.</p>																
type	<u>amtVATTType</u>																
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>derived by: <code>xs:string</code></td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: <code>xs:integer</code></td><td>required</td><td>documentation exponent</td></tr> <tr> <td>aVATPer</td><td>xs:decimal</td><td>required</td><td></td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: <code>xs:string</code>	required	documentation currency code	e	derived by: <code>xs:integer</code>	required	documentation exponent	aVATPer	xs:decimal	required	
Name	Type	Use	Annotation														
c	derived by: <code>xs:string</code>	required	documentation currency code														
e	derived by: <code>xs:integer</code>	required	documentation exponent														
aVATPer	xs:decimal	required															
annotation	documentation If VAT is applicable: VAT amount																

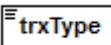
element sumSCType/aVatBC

diagram	<p>The diagram shows a UML class named amtVATType with a yellow background. It has an attribute named c with the annotation "Currency code". Another attribute e is labeled "exponent". A third attribute aVATPerc is shown. An association line connects amtVATType to another element labeled aVatBC, which is enclosed in a dashed box. Below the association line, the multiplicity "0..2" is indicated. A note below states "optional: only present when vat applies".</p>																
type	amtVATType																
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>derived by: xs:string</td><td>required</td><td>documentation currency code</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>documentation exponent</td></tr> <tr> <td>aVATPer</td><td>xs:decimal</td><td>required</td><td></td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent	aVATPer	xs:decimal	required	
Name	Type	Use	Annotation														
c	derived by: xs:string	required	documentation currency code														
e	derived by: xs:integer	required	documentation exponent														
aVATPer	xs:decimal	required															
annotation	documentation optional: only present when VAT applies																

5.2.30 complexType *topupTrxType*

diagram	<pre> classDiagram class topupTrxType { trxType origin aTrxOC aComEffSC aTrxNetSC trxDate trxTime trmTrxNo ep2mercID ep2PMSID trmId trmPer prod } topupTrxType < --> ... : Association topupTrxType --> trxType topupTrxType --> origin topupTrxType --> aTrxOC topupTrxType --> aComEffSC topupTrxType --> aTrxNetSC topupTrxType --> trxDate topupTrxType --> trxTime topupTrxType --> trmTrxNo topupTrxType -.-> ep2mercID topupTrxType -.-> ep2PMSID topupTrxType --> trmId topupTrxType --> trmPer topupTrxType --> prod </pre> <p>The diagram illustrates the structure of the <i>topupTrxType</i> complex type. It consists of several elements:</p> <ul style="list-style-type: none"> trxType: Type of the mobile voucher. See processor documentation for allowed values. origin: Protocol used in delivery of transaction to processor. aTrxOC: Sold mobile voucher amount. aComEffSC: Merchant kickback. aTrxNetSC: Net merchant debt of mobile voucher sale. trxDate: Date of sale. trxTime: Time of sale. trmTrxNo: Terminal transaction number of sold mobile voucher. ep2mercID: Only for merchants with ep2 PMS. Merchant identifier. ep2PMSID: Only for merchants with ep2 PMS. PMS identifier. trmId: Terminal identifier. trmPer: Terminal period during sale. prod: Mobile voucher product. See processor specification for allowed values. <p>A dashed line connects <i>topupTrxType</i> to <i>ep2mercID</i> and <i>ep2PMSID</i>, indicating they are optional components.</p>
children	trxType origin aTrxOC aComEffSC aTrxNetSC trxDate trxTime trmTrxNo ep2mercID ep2PMSID trmId trmPer prod
used by	element financialAdjustmentType/topupTrx

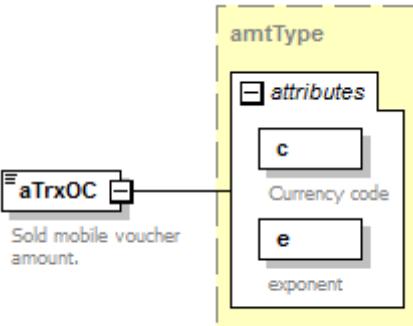
element *topupTrxType/trxType*

diagram	
	Type of the mobile voucher. See processor documentation for allowed values.
type	xs:string
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	xs:string
properties	content simple
annotation	documentation Protocol used in delivery of transaction to processor.

element *topupTrxType/aTrxOC*

diagram	 <p>The diagram illustrates the relationship between the aTrxOC element and the amtType complex type. The aTrxOC element is connected to the amtType complex type, which is defined by a dashed-line box. Inside the amtType box, there is a attributes section containing two elements: c (Currency code) and e (exponent).</p>												
type	amtType												
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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Sold mobile voucher amount.												

element *topupTrxType/aComEffSC*

diagram	<pre> classDiagram class aComEffSC class amtType { <<attributes>> <<c: Currency code, derived by xs:string>> <<e: exponent, derived by xs:integer>> } aComEffSC --> amtType </pre>												
type	<u>amtType</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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Merchant payback												

element *topupTrxType/aTrxNetSC*

diagram	<pre> classDiagram class aTrxNetSC class amtType { <<attributes>> <<c: Currency code, derived by xs:string>> <<e: exponent, derived by xs:integer>> } aTrxNetSC --> amtType </pre>												
type	<u>amtType</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>derived by: xs:string</td> <td>required</td> <td>documentation currency code</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>documentation exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	documentation exponent
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	documentation exponent										
annotation	documentation Net merchant debt of mobile voucher sale.												

element *topupTrxType/trxDate*

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

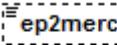
element *topupTrxType/trxTime*

diagram	 trxTime Time of sale
type	xs:time
properties	content simple
annotation	documentation Time of sale

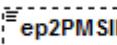
element *topupTrxType/trmTrxNo*

diagram	 trmTrxNo Terminal transaction number of sold mobile voucher
type	xs:string
properties	content simple
annotation	documentation Terminal transaction number of sold mobile voucher

element *topupTrxType/ep2mercID*

diagram	 ep2mercID Only for merchants with ep2 PMS. Merchant identifier.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for merchants with ep2 PMS. Merchant identifier.

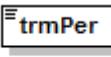
element *topupTrxType/ep2PMSID*

diagram	 ep2PMSID Only for merchants with ep2 PMS. PMS identifier.
type	xs:string
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for merchants with ep2 PMS. PMS identifier.

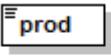
element *topupTrxType/trmId*

diagram	 trmId Terminal identifier
type	xs:string
properties	content simple
annotation	documentation Terminal identifier

element *topupTrxType/trmPer*

diagram	 Terminal period during sale
type	xs:string
properties	content simple
annotation	documentation Terminal period during sale

element *topupTrxType/prod*

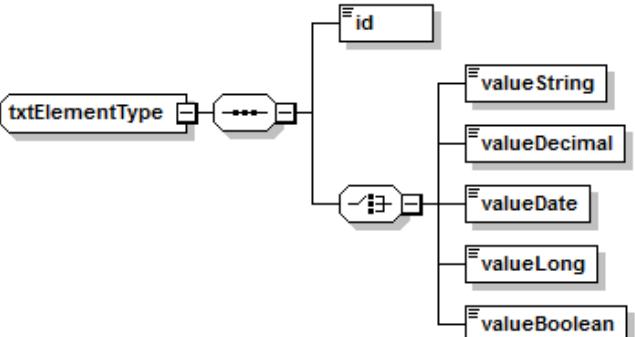
diagram	 Mobile voucher product. See processor specification for allowed values.
type	xs:string
properties	content simple
annotation	documentation Mobile voucher product. See processor specification for allowed values.

5.2.31 complexType *transactionType*

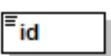
diagram	<pre> classDiagram class transactionType { #baseTrxType #trxType #trxTypeId #passTrxId #trxIndicator #aTrxOC #TrxPwcbOC #aTipOC #trxDate #trxTime #pan #authNo #refno #tmrTrxId #ep2mercid #ep2PMSSID #referrno #addMerData #addSrnText #arn #dccInd #isReversal #authType #caselD #origTrxDate #remark #accountIndex } transactionType < -- baseTrxType </pre>
type	extension of baseTrxType
properties	base baseTrxType

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
used by	complexType transactionType

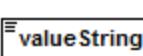
5.2.32 complexType *txtElementType*

diagram	
children	id valueString valueDecimal valueDate valueLong valueBoolean
used by	element financialAdjustmentType/txtElem

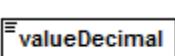
element *txtElementType/id*

diagram	
type	xs:string
properties	content simple

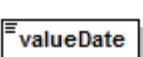
element *txtElementType/valueString*

diagram	
type	xs:string
properties	content simple

element *txtElementType/valueDecimal*

diagram	
type	xs:decimal
properties	content simple

element *txtElementType/valueDate*

diagram	
type	xs:date
properties	content simple

element txtElementType/valueLong

diagram	 valueLong
type	xs:long
properties	content simple

element txtElementType/valueBoolean

diagram	 valueBoolean
type	xs:boolean
properties	content simple