

MRX – Merchant Reconciliation XML

Processor Specification

Version v1.5
16. July 2017

Glossary and abbreviations

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

References

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

Integrated documents

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

Version History

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

Table of Contents

1	MRX Introduction	5
2	File specification	6
2.1	Structure	6
3	Definitions	8
3.1	Date and time elements	8
3.2	Amount Elements	8
3.3	VAT Amounts	9
3.4	Rounding Differences	10
3.5	DCC Transactions	10
3.5.1	DCC payback	10
3.6	Purchase with cashback transactions (PwCB)	11
3.6.1	PwCB payback	11
3.7	Chargebacks	12
3.8	Sum	13
3.9	PAN	13
3.10	Payment amount details	14
3.11	Payment periods without payments	15
4	Code Values	17
4.1	Clearing Region	17
4.2	Closing Balance Reason	17
4.3	Contract Category	17
4.4	Entry Types	18
4.5	Origin	18
4.6	Product	19
4.7	Mobile Voucher product	19
4.8	Scheme Type	19
4.9	Transaction Indicator	20
4.10	Transaction Type / Transaction Type ID	20
4.11	Unblending Categories	21
5	File structure and field description	22
5.1	MerchantReconciliationTypes	22
5.1.1	element <i>merchantReconciliationXML</i>	22
5.1.2	element <i>merchantReconciliationXML/fileHeader</i>	22
5.1.3	element <i>merchantReconciliationXML/fileHeader/interfaceVersionNo</i>	23
5.1.4	element <i>merchantReconciliationXML/fileHeader/fileCreationDate</i>	23
5.1.5	element <i>merchantReconciliationXML/fileHeader/processingDate</i>	23
5.1.6	element <i>merchantReconciliationXML/fileHeader/productionFlag</i>	23
5.1.7	element <i>merchantReconciliationXML/mercNoticeHeader</i>	24
5.1.8	element <i>merchantReconciliationXML/acqContact</i>	24
5.1.9	element <i>merchantReconciliationXML/reportingPart</i>	25
5.2	MerchantReconciliationXML	26
5.2.1	redefinition of complexType <i>transactionType</i>	26
5.2.2	complexType <i>addressRecipientType</i>	34
5.2.3	complexType <i>addressType</i>	35
5.2.4	complexType <i>amtType</i>	37
5.2.5	complexType <i>amtVATTType</i>	37
5.2.6	complexType <i>baseTrxType</i>	38
5.2.7	complexType <i>businessPartType</i>	46
5.2.8	complexType <i>closingBalanceType</i>	48
5.2.9	complexType <i>codeValueType</i>	50

5.2.10	<code>complexType condFullType</code>	51
5.2.11	<code>complexType condType</code>	54
5.2.12	<code>complexType contractType</code>	57
5.2.13	<code>complexType errTransactionType</code>	59
5.2.14	<code>complexType financialAdjustmentType</code>	61
5.2.15	<code>complexType mercNoticeConfigType</code>	67
5.2.16	<code>complexType mercNoticeContactType</code>	68
5.2.17	<code>complexType openingBalanceType</code>	69
5.2.18	<code>complexType paymentType</code>	70
5.2.19	<code>complexType reportingPartType</code>	75
5.2.20	<code>complexType settlingPartType</code>	78
5.2.21	<code>complexType specSchemeType</code>	80
5.2.22	<code>complexType stlAccountType</code>	82
5.2.23	<code>complexType stlEntryType</code>	86
5.2.24	<code>complexType sum1SC1OCType</code>	89
5.2.25	<code>complexType sum1SCManyOCType</code>	92
5.2.26	<code>complexType sumManySCManyOCType</code>	95
5.2.27	<code>complexType summarySlipType</code>	98
5.2.28	<code>complexType sumOCType</code>	105
5.2.29	<code>complexType sumSCType</code>	110
5.2.30	<code>complexType topupTrxType</code>	122
5.2.31	<code>complexType transactionType</code>	127
5.2.32	<code>complexType txtElementType</code>	128

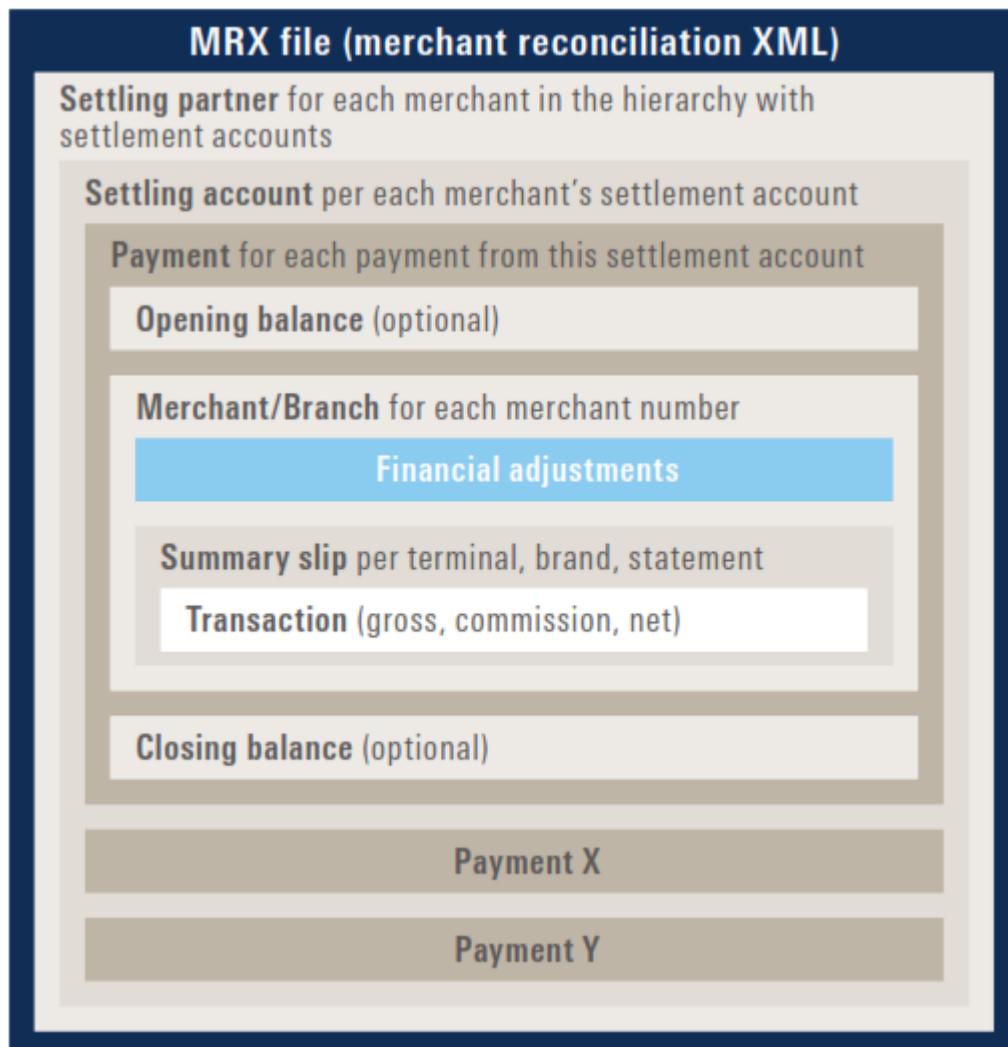
1 MRX Introduction

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

2 File specification

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

2.1 Structure



merchantReconciliationXML

Top XML element of the file

reportingPart

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

settlingPart

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

stlAccount

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

payment

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

businessPart

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

contract

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

fAdj

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

sumSlip

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

trx

Information about a single valid transaction.

errTrx

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

3 Definitions

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

3.1 Date and time elements

xs:Date

Date fields in standard xsd format.

Structure: YYYY-MM-DD

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

xs:Time

Time fields in standard xsd format.

Structure: hh:mm:ss

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

3.2 Amount Elements

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

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

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

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

Each amount tag has two attributes:

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

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

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

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

Example and meaning of amount fields:

aTrxOC original transaction amount in the original currency

aTrxGrosSC gross amount of the transaction in settlement currency

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

aComEffSC rounded commission amount of the transaction in settlement currency

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

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

Example of amount fields (2 decimal calculation):

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

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

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

3.3 VAT Amounts

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

Example of a fAdj with stlEntryType 47:

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

```

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

```

VAT amounts in sumSC elements:

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

3.4 Rounding Differences

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

3.5 DCC Transactions

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

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

3.5.1 DCC payback

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

```

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

```

3.6 Purchase with cashback transactions (PwCB)

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

3.6.1 PwCB payback

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

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

3.7 Chargebacks

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

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

Figure 1: Appearance of a chargeback in MRX

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

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

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

3.8 Sum

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

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

3.9 PAN

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

Example: <pan>523227XXXXXX8446</pan>

3.10 Payment amount details

Payment amount details are provided as unrounded or rounded amounts. The paid-out amount can be 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	aTrxGrosSC	aTrxGrosSC
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	aClBalSC	aClBalSC

Table 2: Reimbursed or carried over amount

3.11 Payment periods without payments

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

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

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

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

```

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

```

Figure 2: Payment period ending with a payment

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

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

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

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

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

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

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

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

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

4 Code Values

4.1 Clearing Region

Card scheme clearing region.

Code value	Description
1	Domestic
2	Within the same region
3	Between different regions
4	Within IntraEuropean Western region
5	Within IntraEuropean Eastern region
6	Within IntraEuropean EEA (former Eurozone) region
7	Region Europe-UK
8	Region Europe-Israel/Turkey

Table 3: Allowed values for field clearingRegion

4.2 Closing Balance Reason

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

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

Table 4: Allowed values for clBalReason

4.3 Contract Category

contractCategory: Category of acceptance contract.

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

Table 5: Allowed values for contractCategory

4.4 Entry Types

EntryType: indicates how cardholder authentication data has been entered3

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

Table 6: allowed values for field *entryType*

4.5 Origin

Protocol used in delivery of transaction to processor.

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

Table 7: Allowed values for field *origin*

4.6 Product

prod: Acceptance product.

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

Table 8: Allowed values for field *prod*

4.7 Mobile Voucher product

prod: Swiss mobile voucher product.

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

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

4.8 Scheme Type

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

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

Table 10: Allowed values for field *schemeType*

4.9 Transaction Indicator

trxIndicator: Describes the chargeback indicators.

Code value	Description
100	1 st presentation – 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 (<i>trxType</i>)
0	Unknown
1	Retail
2	Authorisation
3	Cash Advance
4	Cash Withdrawal
5	Reservation
6	Cash Loading
7	UniqueTrx
8	Inc Reservation
9	Refund
10	Deposit
11	Delayed Retail
13	Collection
21	CFT
22	Disbursement
23	Balance Inquiry
24	Prepaid Mobile
25	Prepaid Purse Unload
26	Pin Service Advice Crediting
27	Pin Service Advice Not Crediting
28	Pin Advice On-Us
29	Delivery Charge
34	PIN check
35	Quick Cancel in Favour of cardholder
36	PIN Change
37	Cash Refund
92	Voucher
93	Voucher Direct Load

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

4.11 Unblending Categories

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

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

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

Table 13: Allowed values for field unBlendCat

5 File structure and field description

5.1 MerchantReconciliationTypes

5.1.1 element *merchantReconciliationXML*

diagram	<p>The diagram shows the merchantReconciliationXML element as a complex type. It has four children: fileHeader, mercNoticeHeader, acqContact, and reportingPart. fileHeader is described as 'Description of file content'. mercNoticeHeader is described as 'Reporting parameter of this merchant notice.' acqContact is described as 'Acquirer contact information'. reportingPart is described as 'Merchant statement'.</p>
properties	content complex
children	fileHeader mercNoticeHeader acqContact reportingPart

5.1.2 element *merchantReconciliationXML/fileHeader*

diagram	<p>The diagram shows the fileHeader element as a complex type. It has four children: interfaceVersionNo, fileCreationDate, processingDate, and productionFlag. interfaceVersionNo is described as 'v1.5'. fileCreationDate is described as 'Creation date of this file.'. processingDate is described as 'Processing cycle date which produced this file.'. productionFlag is described as 'Indicates whether file contains test or productive data: 'P' for productive File/'T' for Testfile'.</p>
properties	content complex
children	interfaceVersionNo fileCreationDate processingDate productionFlag
annotation	documentation Description of file content

5.1.3 element *merchantReconciliationXML/fileHeader/interfaceVersionNo*

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

5.1.4 element *merchantReconciliationXML/fileHeader/fileCreationDate*

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

5.1.7 element *merchantReconciliationXML/mercNoticeHeader*

diagram	<pre> classDiagram mercNoticeConfigType < -- mercNoticeHeader mercNoticeHeader { mercNoticeUniqueId mercNoticeDate noticePerFrom noticePerTo } mercNoticeUniqueId < -- mercNoticeUniqueId mercNoticeDate < -- mercNoticeDate noticePerFrom < -- noticePerFrom noticePerTo < -- 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 < -- acqContact acqContact { contact phoneNo faxNo eMailAddr } contact < -- contact phoneNo < -- phoneNo faxNo < -- faxNo eMailAddr < -- 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 *--> branchOfficeld settlingPart *--> sum } class reportingPart class passRepPartId class repPartAddr class branchOfficeld class sum </pre> <p>The diagram illustrates the structure of the reportingPartType element. It is a complex type (indicated by a dashed border) containing the following components:</p> <ul style="list-style-type: none"> settlingPart: A sequence of three repeating elements (reportingPart, passRepPartId, repPartAddr) followed by a branchOfficeld and a sum. Merchant statement: A note indicating the purpose of the reportingPart element. Aggregation of merchant settlement information: A note describing the purpose of the settlingPart association. Unique identifier of the recipient of this merchant notice: A note describing the purpose of the passRepPartId element. Recipient address: A note describing the purpose of the repPartAddr element. Merchant or acquirer defined identifier for a subsidiary or branch office (store): A note describing the purpose of the branchOfficeld element. Aggregation per currency: A note describing the purpose of the sum element.
type	reportingPartType
properties	content complex
children	settlingPart passRepPartId repPartAddr branchOfficeld sum
annotation	documentation Merchant statement

type	extension of transactionType
properties	base transactionType
children	trxType trxTypeIeld passTrxId trxIndicator aTrxOC aTrxPwcbOC aTipOC trxDate trxTime pan authNo refNo trmTrxNo ep2mercID ep2PMSID retrRefNo addlMercData addlStmntText arn dccInd isReversal entryType caselid origTrxDate remark accountIndex xRate aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC cardProduct unBlendCat clearingRegion aICAcqTolssSC
used by	element summarySlipType/trx

element [transactionType/xRate](#)

diagram	<p>xRate</p> <p>Only for foreign currency and DCC transactions. Exchange rate used in conversion to merchant settlement currency.</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 Only for foreign currency and DCC transactions. Exchange rate used in conversion to merchant settlement currency.						

element [transactionType/aTrxGrosSC](#)

diagram	<p>aTrxGrosSC</p> <p>Transaction gross amount in merchant settlement currency.</p> <p>amtType</p> <p>attributes</p> <ul style="list-style-type: none"> c e <p>c: Currency code e: exponent</p>												
type	amtType												
properties	content complex												
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 Transaction gross amount in merchant settlement currency.												

element *transactionType/aTrxNetSC*

diagram	<p>amtType</p> <ul style="list-style-type: none"> attributes <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 Transaction net amount in merchant settlement currency. Gross after merchant service charge deduction.												

element *transactionType/aTrxPwcbSC*

diagram	<p>amtType</p> <ul style="list-style-type: none"> attributes <ul style="list-style-type: none"> c Currency code e exponent 												
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 of purchase with cashback transactions in merchant settlement currency.												

element *transactionType/aTipSC*

diagram	<p>The diagram shows the element aTipSC (Tip amount in merchant settlement currency) pointing to the type amtType. The amtType structure is defined as follows:</p> <ul style="list-style-type: none"> attributes (represented by a dashed box): <ul style="list-style-type: none"> c: Currency code e: exponent 												
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>The diagram shows the element aComEffSC (Effective merchant service charges (including possible rebates) applied to this transaction in the merchant's settlement currency) pointing to the type amtType. The amtType structure is defined as follows:</p> <ul style="list-style-type: none"> attributes (represented by a dashed box): <ul style="list-style-type: none"> c: Currency code e: exponent 												
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	<p>The diagram shows the structure of the amtType complex type. It contains two attributes: c (Currency code) of type xs:string and e (exponent) of type xs:integer. The aComEffHighSC element is shown pointing to these attributes. A note below states: "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	<p>The diagram shows the structure of the amtType complex type. It contains two attributes: c (Currency code) of type xs:string and e (exponent) of type xs:integer. The aComTotSC element is shown pointing to these attributes. A note below states: "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> <pre> classDiagram class aSpecSchemeSC class amtType { <<attributes>> <<c>> Currency code <<e>> exponent } aSpecSchemeSC "1" --> "1" amtType </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 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>The diagram shows the <code>clearingRegion</code> element as a dashed box containing a sequence of nodes. The first node is a solid box labeled <code>codeValueType</code>. Inside <code>codeValueType</code>, there is a sequence of nodes: a solid box labeled <code>id</code>, followed by a dashed box labeled <code>name</code>. A callout box points to <code>codeValueType</code> with the text: "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>The diagram shows the <code>aICAcqTolssSC</code> element as a dashed box containing a sequence of nodes. The first node is a solid box labeled <code>amtType</code>. Inside <code>amtType</code>, there is a sequence of nodes: a dashed box labeled <code>attributes</code>, followed by a solid box labeled <code>c</code> with the annotation "Currency code" and a solid box labeled <code>e</code> with the annotation "exponent".</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><code>derived by: xs:string</code></td> <td>required</td> <td>currency code</td> </tr> <tr> <td>e</td> <td><code>derived by: xs:integer</code></td> <td>required</td> <td>exponent</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	<code>derived by: xs:string</code>	required	currency code	e	<code>derived by: xs:integer</code>	required	exponent
Name	Type	Use	Annotation										
c	<code>derived by: xs:string</code>	required	currency code										
e	<code>derived by: xs:integer</code>	required	exponent										
annotation	<p>documentation Interchange fee in merchant settlement currency.</p>												

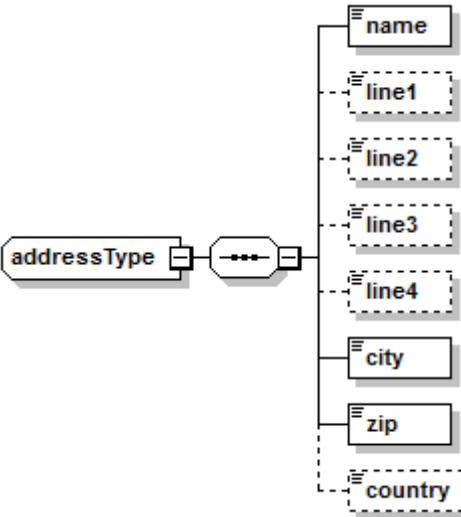
5.2.2 complexType *addressRecipientType*

diagram	<pre> classDiagram class addressRecipientType class addressType { <<extension>> name line1 line2 line3 line4 city zip country } addressRecipientType "1" *-- "1" addressType : fCopyFlag "1" *-- "1" addressType : </pre> <p>The diagram illustrates the structure of the <i>addressRecipientType</i> complex type. It is defined as an extension of the <i>addressType</i>. The <i>addressType</i> itself contains several fields: <i>name</i>, <i>line1</i>, <i>line2</i>, <i>line3</i>, <i>line4</i>, <i>city</i>, <i>zip</i>, and <i>country</i>. An association labeled <i>fCopyFlag</i> connects the <i>addressRecipientType</i> to the <i>addressType</i>.</p>
type	extension of addressType
properties	base addressType
children	name line1 line2 line3 line4 city zip country fCopyFlag

element *addressRecipientType/fCopyFlag*

diagram	<pre> classDiagram class fCopyFlag { <<restriction of xs:string>> content simple minOcc 0 maxOcc 1 } Kind Value enumeration N enumeration Y </pre> <p>The diagram shows the <i>fCopyFlag</i> element as a restriction of the <i>xs:string</i> type. It has a content type of "simple". The <i>minOcc</i> and <i>maxOcc</i> are both set to 1. There are two facets: one for the enumeration value <i>N</i> and another for the enumeration value <i>Y</i>.</p>
type	restriction of xs:string
properties	content simple minOcc 0 maxOcc 1
facets	Kind Value enumeration N enumeration Y
annotation	documentation indicates if this is an original or a copy merc notice

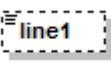
5.2.3 complexType addressType

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

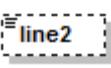
element addressType/name

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

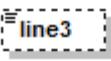
element addressType/line1

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

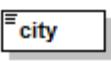
element addressType/line3

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

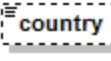
element addressType/city

diagram	
type	xs:string
properties	content simple

element addressType/zip

diagram	
type	xs:string
properties	content simple

element addressType/country

diagram	
type	restriction of 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	<p>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/aDelTrxOC sumOCType/aErrTrxOC financialAdjustmentType/aFAdjComEffSC financialAdjustmentType/aFAdjGrosSC financialAdjustmentType/aFAdjNetSC sumSCType/aFAdjNetSC condFullType/aFixComRateSC sumSCType/aGrosSC transactionType/aIAcqTolssSC condFullType/aMaxComRateSC 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>complex type amtVATType</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										

5.2.5 complexType amtVATType

diagram																	
type	extension of amtType																
properties	base amtType																
used by	elements sumSCType/aVatBC sumSCType/aVatSC																
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															

5.2.6 complexType baseTrxType

diagram	<pre> classDiagram class baseTrxType { <<baseTrxType>> } class trxType { <<trxType>> } class trxTypeld { <<trxTypeld>> } class passTrxId { <<passTrxId>> } class trxIndicator { <<trxIndicator>> } class aTrxOC { <<aTrxOC>> } class aTrxPwcbOC { <<aTrxPwcbOC>> } class aTipOC { <<aTipOC>> } class trxDate { <<trxDate>> } class trxTime { <<trxTime>> } class pan { <<pan>> } class authNo { <<authNo>> } class refNo { <<refNo>> } class trmTrxNo { <<trmTrxNo>> } class ep2mercID { <<ep2mercID>> } class ep2PMSID { <<ep2PMSID>> } class retrRefNo { <<retrRefNo>> } class addlMercData { <<addlMercData>> } class addlStmntText { <<addlStmntText>> } class arn { <<arn>> } class dcclnd { <<dcclnd>> } class isReversal { <<isReversal>> } class entryType { <<entryType>> } class caselid { <<caselid>> } class origTrxDate { <<origTrxDate>> } class remark { <<remark>> } class accountIndex { <<accountIndex>> } baseTrxType < -- trxType baseTrxType < -- trxTypeld baseTrxType < -- passTrxId baseTrxType < -- trxIndicator baseTrxType < -- aTrxOC baseTrxType < -- aTrxPwcbOC baseTrxType < -- aTipOC baseTrxType < -- trxDate baseTrxType < -- trxTime baseTrxType < -- pan baseTrxType < -- authNo baseTrxType < -- refNo baseTrxType < -- trmTrxNo baseTrxType < -- ep2mercID baseTrxType < -- ep2PMSID baseTrxType < -- retrRefNo baseTrxType < -- addlMercData baseTrxType < -- addlStmntText baseTrxType < -- arn baseTrxType < -- dcclnd baseTrxType < -- isReversal baseTrxType < -- entryType baseTrxType < -- caselid baseTrxType < -- origTrxDate baseTrxType < -- remark baseTrxType < -- accountIndex </pre> <p>The diagram illustrates the structure of the <code>baseTrxType</code> complex type. It is derived from <code>baseTrxType</code> (indicated by a solid line) and contains the following attributes:</p> <ul style="list-style-type: none"> <code>trxType</code>: Verbal description of <code>trxTypeId</code>. See processor specification for allowed values. <code>trxTypeld</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 transaction 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), card number. Only the first six digits and the last four digits are shown. <code>authNo</code>: Authorization number assigned by the issuer during authorisation process. <code>refNo</code>: Authorisation reference number assigned by the processor during the authorisation process. <code>trmTrxNo</code>: Terminal sequence number, will not be present for manual rebookings by acquirer. <code>ep2mercID</code>: Only for merchants with ep2 PMS. Merchant identifier. <code>ep2PMSID</code>: Only for merchants with ep2 PMS. PMS identifier. <code>retrRefNo</code>: Retrieval reference number assigned by the processor. <code>addlMercData</code>: A transaction reference assigned by the merchant at the time of the sale and reported back to the merchant. The purpose of this reference is to facilitate reconciliation on the merchant's side. <code>addlStmntText</code>: Additional information sent by the merchant to be included into the clearing information sent to the cardholder's issuer. <code>arn</code>: Acquirer reference number. Unique card scheme identifier of sales transaction. <code>dcclnd</code>: Identifies DCC transactions: 0 = no / 1 = yes. <code>isReversal</code>: Identifies reversal: 0 = no / 1 = yes. <code>entryType</code>: Indicates how cardholder authentication data has been entered. See processor specification for allowed values. <code>caselid</code>: Unique identifier of chargeback case. <code>origTrxDate</code>: Date of original sale. <code>remark</code>: Verbal description of further bookings. <code>accountIndex</code>: For shared terminal usage (multi-account). Indicates submitting party.
children	<code>trxType</code> <code>trxTypeld</code> <code>passTrxId</code> <code>trxIndicator</code> <code>aTrxOC</code> <code>aTrxPwcbOC</code> <code>aTipOC</code> <code>trxDate</code> <code>trxTime</code> <code>pan</code> <code>authNo</code> <code>refNo</code> <code>trmTrxNo</code> <code>ep2mercID</code> <code>ep2PMSID</code> <code>retrRefNo</code> <code>addlMercData</code> <code>addlStmntText</code> <code>arn</code> <code>dcclnd</code> <code>isReversal</code> <code>entryType</code>

	caseId 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 trxTypeld. 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> classDiagram class aTrxOC { <<Transaction amount in transaction currency.>> } class amtType { <<amtType>> <<attributes>> <<c>> Currency code <<e>> exponent } aTrxOC --> 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 Transaction amount in transaction currency.												

element *baseTrxType/aTrxPwcbOC*

diagram	<pre> classDiagram class aTrxPwcbOC { <<Cash back amount of purchase with cashback transactions in original transaction currency.>> } class amtType { <<amtType>> <<attributes>> <<c>> Currency code <<e>> exponent } aTrxPwcbOC --> amtType </pre>												
type	amtType												
properties	<table> <thead> <tr> <th>content</th> <th>complex</th> </tr> <tr> <th>minOcc</th> <td>0</td> </tr> <tr> <th>maxOcc</th> <td>1</td> </tr> </thead> </table>	content	complex	minOcc	0	maxOcc	1						
content	complex												
minOcc	0												
maxOcc	1												
attributes	<table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td>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 { <<Tip amount in transaction currency.>> } class amtType { <<amtType>> <<attributes>> <<c>> Currency code <<e>> exponent } aTipOC --> amtType </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> <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 Tip amount in transaction currency.												

element baseTrxType/trxDate

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

element baseTrxType/trxTime

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

element baseTrxType/pan

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

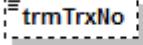
element baseTrxType/authNo

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

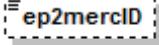
element baseTrxType/refNo

diagram	 refNo Authorisation reference number assigned by the processor during authorisation process.
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.

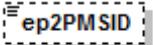
element baseTrxType/trmTrxNo

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

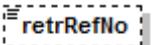
element baseTrxType/ep2mercID

diagram	 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.

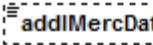
element baseTrxType/ep2PMSID

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.

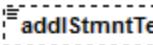
element baseTrxType/retrRefNo

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.

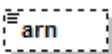
element baseTrxType/addlMercData

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.

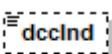
element baseTrxType/addlStmntText

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.

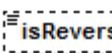
element *baseTrxType/arn*

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.

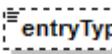
element *baseTrxType/dccInd*

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

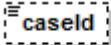
element *baseTrxType/isReversal*

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

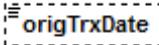
element *baseTrxType/entryType*

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.

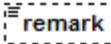
element baseTrxType/caseId

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

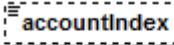
element baseTrxType/origTrxDate

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.

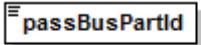
5.2.7 complexType businessPartType

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

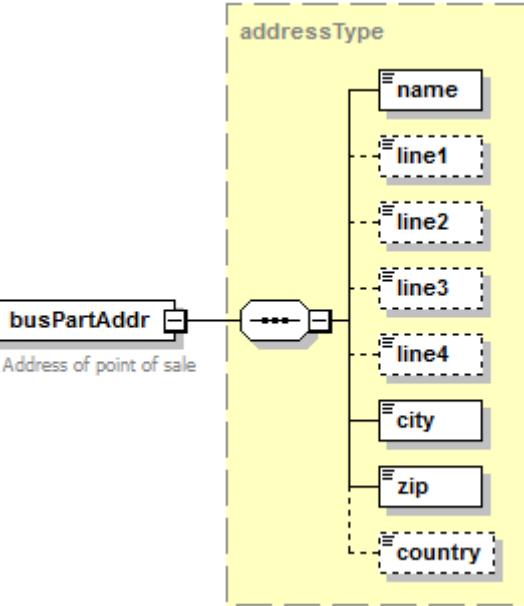
element businessPartType/contract

diagram	<pre> classDiagram class contract class stlEntry class extVPNo class contractCategory class sum contract "0..∞" --> stlEntry : stlEntry "0..∞" --> extVPNo : stlEntry "0..∞" --> contractCategory : stlEntry "0..∞" --> sum : </pre> <p>Aggregation by contract. E.g. presence, E-Commerce, etc.</p> <p>contractType (extension)</p> <p>stlEntry 0..∞</p> <p>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>						
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.						

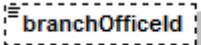
element *businessPartType/passBusPartId*

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

element *businessPartType/busPartAddr*

diagram	
	Address of point of sale
type	addressType
properties	content complex
children	name line1 line2 line3 line4 city zip country
annotation	documentation Address of point of sale

element *businessPartType/branchOfficeld*

diagram	
	Merchant or acquirer defined identifier for a subsidiary or branch office (store)
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 sum1SCManyOCType { sumSC "0..1" *--> sum : Aggregation by currency. sumOC "0..1" *--> sum : Aggregation by merchant settlement currency } </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 { 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. } clBalDate { Date when the balance of the technical merchant account couldn't be settled. } clBalReason { Specifies the reason why no payment instruction for a merchant settlement has been produced. See processor specification for allowed values. } } </pre>
children	aCIBalSC clBalDate clBalReason
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	<u>amtType</u>												
properties	<table> <tr> <td>content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>0</td></tr> <tr> <td>maxOcc</td><td>1</td></tr> </table>	content	complex	minOcc	0	maxOcc	1						
content	complex												
minOcc	0												
maxOcc	1												
attributes	<table> <tr> <td>Name</td><td>Type</td><td>Use</td><td>Annotation</td></tr> <tr> <td>c</td><td>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 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.												

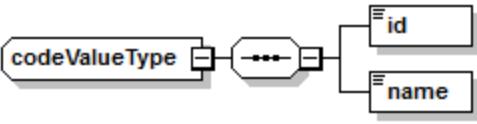
element *closingBalanceType/cIBalDate*

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

element condFullType/aFixComRateSC

diagram	<p>aFixComRateSC Fix 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 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	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 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	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aMaxComRateSC { <<Maximum amount of charged tariff in merchant settlement currency.>> } aMaxComRateSC "1" -- "1" amtType </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 Maximum amount of charged tariff in merchant settlement currency.												

element condFullType/tariffDetail

diagram	<pre> classDiagram class condFullType { <<tariffDetail>> } class tariffDetail { <<Detail information to applied tariff. Only used for interchange fee conditions.>> } condFullType "1" -- "1" tariffDetail </pre>						
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 condCode { <<Technical code for price position of merchant service charge>> } class specScheme { <<0..>> } class aComEffExclVatSC { <<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.>> } class aComTotExclVatSC { <<Total price position applied to this transaction in the merchant's settlement currency.>> } class aComSpecSchemeTotSC { <<Amount of this price position paid by a third party.>> } condType < -- condCode condType < -- specScheme condType < -- aComEffExclVatSC condType < -- aComTotExclVatSC condType < -- aComSpecSchemeTotSC </pre>
children	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC
used by	complexType condFullType

element *condType/condCode*

diagram	<pre> class condCode { <<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/aComEffExclVatSC

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> <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 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> classDiagram contractType < -- stlEntry contractType --> extVPNo : extVPNo contractType --> contractCategory : contractCategory sum < --> contractType </pre> <p>The diagram shows the structure of the <code>contractType</code> complex type. It inherits from <code>stlEntry</code> (indicated by a dashed line with <code>0..∞</code>). It has two associations: one with <code>extVPNo</code> labeled <code>extVPNo</code>, and another with <code>contractCategory</code> labeled <code>contractCategory</code>. There is also an aggregation relationship labeled <code>sum</code> between <code>contractType</code> and another element.</p>
children	stlEntry extVPNo contractCategory sum
used by	element businessPartType/contract

element contractType/stlEntry

diagram	<pre> classDiagram stlEntry < -- stlEntryType stlEntry --> fAdj : fAdj stlEntry --> sumSlip : sumSlip </pre> <p>The diagram shows the structure of the <code>stlEntry</code> element. It inherits from <code>stlEntryType</code> (indicated by a dashed line). It has two associations: one with <code>fAdj</code> labeled <code>fAdj</code>, and another with <code>sumSlip</code> labeled <code>sumSlip</code>.</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	<pre> classDiagram extVPNo : xs:string </pre> <p>The diagram shows the definition of the <code>extVPNo</code> element as a simple type <code>xs:string</code>.</p>						
type	<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						
annotation	documentation Unique identifier for point of sale and contract						

element *contractType/contractCategory*

diagram	<p>contractCategory</p> <p>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.

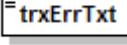
element *contractType/sum*

diagram	<p>sum1SCManyOCType</p> <p>sumSC + Aggregation by merchant settlement currency</p> <p>sumOC + 0..1 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>> <<children: trxType, trxTypeld, passTrxId, trxIndicator, aTrxOC, aTrxPwcbOC, aTipOC, trxDate, trxTime, pan, authNo, refNo, trmTrxNo, ep2mercID, ep2PMSID, retrRefNo, addlMercData, addlStmntText, arn, dcclnd, isReversal, entryType, caseld, 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 dcclnd isReversal entryType caseld origTrxDate remark accountIndex trxErrTxt
used by	element summarySlipType/errTrx

element *errTransactionType/trxErrTxt*

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

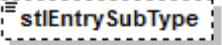
5.2.14 complexType *financialAdjustmentType*

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 the <i>financialAdjustmentType</i> complex type. It inherits from <i>stlEntryType</i> and contains several attributes:</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 <i>stlEntryTypes</i> 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 <i>StlEntryType</i> 48 "Refund of disputed transaction": <i>aFAdjGrosSC-aFAdjComEffSC</i>. aFAdjGrosSC: Identical to <i>aFAdjNetSC</i>. Only for <i>stlEntryType</i> 48 "Refund of disputed transaction": gross amount of the disputed transaction. aFAdjComEffSC: Only for <i>stlEntryType</i> 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. This is a choice between <i>fAdjText</i> and a set of <i>txtElem</i>. topupTrx: Details of sold mobile vouchers. Only for merchants accepting Swiss mobile vouchers and <i>stlEntryType</i> 36 "FAdj_Mob_Voucher".
children	<u>stlEntryType</u> <u>stlEntrySubType</u> <u>prod</u> <u>fAdjDate</u> <u>passStlEntryNo</u> <u>aFAdjNetSC</u> <u>aFAdjGrosSC</u> <u>aFAdjComEffSC</u> <u>vatPercentage</u> <u>fAdjText</u> <u>txtElem</u> <u>topupTrx</u>
used by	element <u>paymentType/fAdj</u> <u>stlEntryType/fAdj</u>

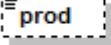
element *financialAdjustmentType/stlEntryType*

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.

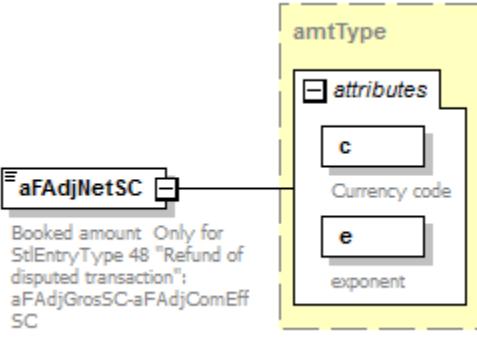
element *financialAdjustmentType/fAdjDate*

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

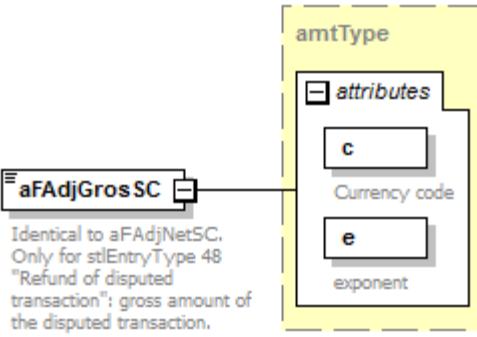
element *financialAdjustmentType/passStlEntryNo*

diagram	 Unique identifier of the financial adjustment
type	xs:string
properties	content simple
annotation	documentation Unique identifier of the financial adjustment

element *financialAdjustmentType/aFAdjNetSC*

diagram	 Booked amount. Only for StlEntryType 48 "Refund of disputed transaction": aFAdjGrosSC-aFAdjComEffSC												
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	 Identical to aFAdjNetSC. Only for stlEntryType 48 "Refund of disputed transaction": gross amount of the disputed transaction.												
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	<table> <tr> <td>content</td><td>simple</td></tr> </table>	content	simple
content	simple		
annotation	documentation Verbal description of further booking details.		

element *financialAdjustmentType/txtElem*

diagram	<p>The diagram shows a UML class 'txtElementType' with a yellow fill. It has an association named 'txtElem' with multiplicity '1..∞'. A note below the association says 'Generated description of further booking details.' Inside the class boundary, there is an 'id' attribute and another association named 'value' with multiplicity '1..∞'. This 'value' association connects to five attributes: 'valueString', 'valueDecimal', 'valueDate', 'valueLong', and 'valueBoolean'.</p>
type	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 } topupTrx "0..∞" --> topupTrxType </pre> <p>Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers.</p>						
type	txtElementType						
properties	<table border="0"> <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	<p>documentation Only for merchants accepting Swiss mobile vouchers and stlEntryType 36 "FAdj Mob_Voucher". Details of sold mobile vouchers.</p>						

5.2.15 complexType *mercNoticeConfigType*

diagram	<pre> classDiagram class mercNoticeConfigType class mercNoticeUniqueId class mercNoticeDate class noticePerFrom class noticePerTo mercNoticeConfigType "3" --> mercNoticeUniqueId : mercNoticeConfigType "3" --> mercNoticeDate : mercNoticeConfigType "3" --> noticePerFrom : mercNoticeConfigType "3" --> noticePerTo : </pre> <p>The diagram illustrates the structure of the <i>mercNoticeConfigType</i> complex type. It consists of four elements: <i>mercNoticeUniqueId</i>, <i>mercNoticeDate</i>, <i>noticePerFrom</i>, and <i>noticePerTo</i>. These elements are represented by rectangular boxes with a small icon in the top-left corner. They are connected to a central <i>mercNoticeConfigType</i> box via lines ending in diamond shapes, indicating they are child elements.</p>
children	mercNoticeUniqueId mercNoticeDate noticePerFrom noticePerTo
used by	element merchantReconciliationXML/mercNoticeHeader

element *mercNoticeConfigType/mercNoticeUniqueId*

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

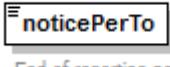
element *mercNoticeConfigType/mercNoticeDate*

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

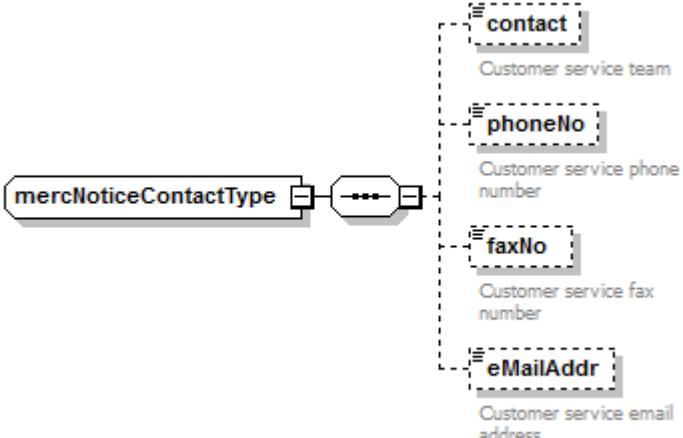
element *mercNoticeConfigType/noticePerFrom*

diagram	<p>noticePerFrom Beginning of reporting period</p>
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

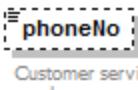
5.2.16 complexType *mercNoticeContactType*

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

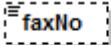
element *mercNoticeContactType/contact*

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

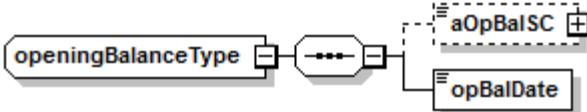
element *mercNoticeContactType/faxNo*

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

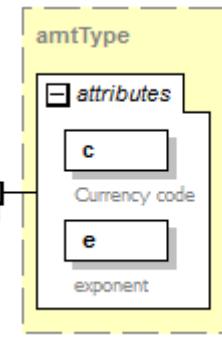
element *mercNoticeContactType/eMailAddr*

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 aOpBalSC opBalDate

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 { businessPart *--> businessPart fAdj *--> fAdj openingBalance closingBalance paymentType paymentDate paymentNo extSettlingRefNo valueDate 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>> <<0..>> <<Aggregation by point of sale (business partner)>> } class passBusPartId { <<passBusPartId>> <<Unique identifier of point of sale (business partner).>> } class busPartAddr { <<busPartAddr>> <<Address of point of sale>> } class branchOfficeId { <<branchOfficeId>> <<Merchant or acquirer defined identifier for a subsidiary or branch office (store)>> } class sum { <<sum>> <<Aggregation by currency.>> } class currency { <<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>, <code>busPartAddr</code>, and <code>sum</code> elements are aggregated by <code>businessPartType</code> (multiplicity 0..∞). The <code>branchOfficeId</code> element is aggregated by <code>busPartAddr</code>.</p>						
type	<code>businessPartType</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	<code>contract passBusPartId busPartAddr branchOfficeId sum</code>						
annotation	documentation Aggregation by point of sale (business partner)						

element *paymentType/fAdj*

diagram	<pre> classDiagram class financialAdjustmentType { stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aFAdjNetSC aFAdjGrosSC aFAdjComEffSC vatPercentage fAdjText txtElem topupTrx } 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	<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	stlEntryType stlEntrySubType prod fAdjDate passStlEntryNo aFAdjNetSC aFAdjGrosSC aFAdjComEffSC vatPercentage fAdjText txtElem topupTrx						
annotation	<p>documentation</p> <p>Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc.</p>						

element paymentType/openingBalance

diagram							
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>						

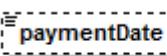
element paymentType/closingBalance

diagram							
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	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>						

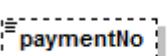
element paymentType/paymentType

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 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 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.						

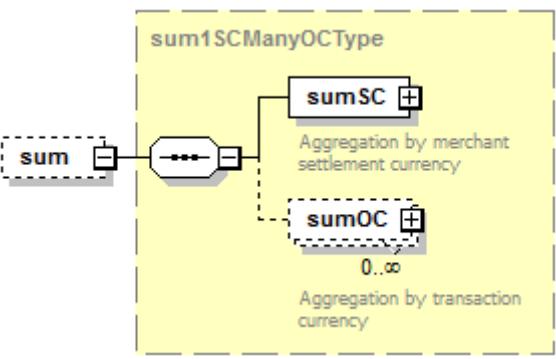
element paymentType/extSettlingRefNo

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						

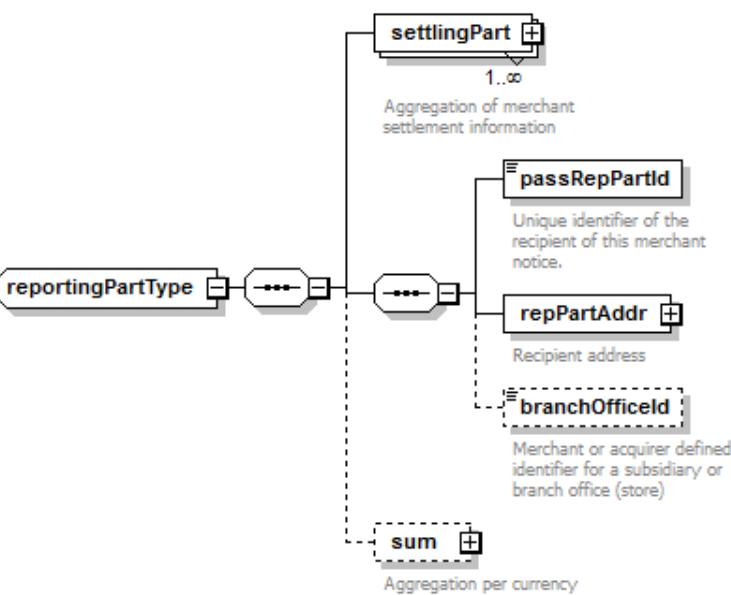
element *paymentType/valueDate*

diagram	 Only for paymentType "P". Value date of sent payment instruction.
type	xs:date
properties	content simple minOcc 0 maxOcc 1
annotation	documentation Only for paymentType "P". Value date of sent payment instruction.

element *paymentType/sum*

diagram	
type	sum1SCManyOCType
properties	content complex minOcc 0 maxOcc 1
children	sumSC sumOC

5.2.19 complexType *reportingPartType*

diagram	
children	settlingPart passRepPartId repPartAddr branchOfficeld sum
used by	element merchantReconciliationXML/reportingPart

element reportingPartType/settlingPart

diagram	<pre> classDiagram class settlingPartType { <<Settlement Part Type>> stlAccount *--o settlingPartType : stlAccount passStlPartId *--o settlingPartType : passStlPartId stlPartAddr *--o settlingPartType : stlPartAddr branchOfficeId *--o settlingPartType : branchOfficeId sum *--o settlingPartType : sum } class settlingPart { <<Settlement Part>> <<1..>> <<Aggregation of merchant settlement information>> } stlAccount "1..>" --o settlingPartType passStlPartId "1..>" --o settlingPartType stlPartAddr "1..>" --o settlingPartType branchOfficeId "1..>" --o settlingPartType sum "1..>" --o settlingPartType settlingPart "*" --o settlingPartType </pre> <p>The diagram illustrates the structure of the <code>settlingPartType</code> element. It contains five child elements: <code>stlAccount</code>, <code>passStlPartId</code>, <code>stlPartAddr</code>, <code>branchOfficeId</code>, and <code>sum</code>. Each of these child elements has an aggregation relationship with <code>settlingPartType</code>, indicated by a line with a hollow diamond symbol. The multiplicity for each aggregation is <code>1..></code>. Additionally, there is an aggregation relationship between <code>settlingPart</code> and <code>settlingPartType</code>, represented by a line with a hollow diamond symbol and a multiplicity of <code>1..></code>. A note below the <code>settlingPart</code> entry specifies that it represents the "Aggregation of merchant settlement information".</p>						
type	<code>settlingPartType</code>						
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	<code>stlAccount</code> <code>passStlPartId</code> <code>stlPartAddr</code> <code>branchOfficeId</code> <code>sum</code>						
annotation	documentation Aggregation of merchant settlement information						

element reportingPartType/passRepPartId

diagram	<pre> classDiagram class passRepPartId { <<Unique identifier of the recipient of this merchant notice.>> } </pre> <p>The diagram shows a single class named <code>passRepPartId</code>. A note below the class definition specifies its purpose: "Unique identifier of the recipient of this merchant notice."</p>		
type	<code>xs:string</code>		
properties	<table border="1"> <tr> <td>content</td><td>simple</td></tr> </table>	content	simple
content	simple		
annotation	documentation Unique identifier of the recipient of this merchant notice.		

element reportingPartType/repPartAddr

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

element reportingPartType/branchOfficeld

diagram	<pre> classDiagram class branchOfficeld { <<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 sumManySCManyOCType { sumSC "1..∞" sumOC "0..∞" <<Aggregation per merchant settlement currency>> <<Aggregation per transaction currency>> } class sum { <<Aggregation per currency>> } sum "1" *-- "1" sumManySCManyOCType </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 class passStlPartId class stlPartAddr class branchOfficeId class sum settlingPartType "1..∞" -- "stlAccount" settlingPartType "1..∞" -- "passStlPartId" settlingPartType "1..∞" -- "stlPartAddr" settlingPartType "1..∞" -- "branchOfficeId" settlingPartType "1..∞" -- "sum" </pre> <p>Aggregation by technical merchant settlement account of the processor.</p> <p>Unique identification of an owner of technical settlement accounts.</p> <p>Address of a technical settlement account's owner.</p> <p>Merchant or acquirer defined identifier for a subsidiary or branch office (store)</p> <p>Aggregation by currency.</p>
children	stlAccount passStlPartId stlPartAddr branchOfficeId sum
annotation	element reportingPartType/settlingPart

element *settlingPartType/stlAccount*

diagram	<pre> classDiagram class stlAccountType class payment class bcnr class bic class acctNo class passStlAcctNo class iban class product class stlCurCode class sum stlAccountType "1..∞" -- "payment" stlAccountType "1..∞" -- "bcnr" stlAccountType "1..∞" -- "bic" stlAccountType "1..∞" -- "acctNo" stlAccountType "1..∞" -- "passStlAcctNo" stlAccountType "1..∞" -- "iban" stlAccountType "1..∞" -- "product" stlAccountType "1..∞" -- "stlCurCode" stlAccountType "1..∞" -- "sum" </pre> <p>Aggregation by technical merchant settlement account of the processor.</p> <p>Aggregation by merchant settlement (payment)</p> <p>Clearing number of the merchant's bank</p> <p>Bank Identifier Code / SWIFTID of merchant's bank account;</p> <p>Account number of the merchant's bank</p> <p>Unique identifier of the technical merchant settlement account</p> <p>IBAN of the merchant's account</p> <p>If technical account allows only settlement of a specific acceptance product: See processor specification for allowed values. No restriction on acceptance products: ALL</p> <p>Merchant settlement currency</p> <p>Aggregation by currency</p>						
type	stlAccountType						
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	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> <p>The diagram shows a complex type named addressType enclosed in a dashed box. It contains the following elements:</p> <ul style="list-style-type: none"> name line1 line2 line3 line4 city zip country <p>A solid line connects the stlPartAddr element to the addressType complex type, indicating they are related.</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	<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 Merchant or acquirer defined identifier for a subsidiary or branch office (store)						

element settlingPartType/sum

diagram	<pre> classDiagram class sumManySCManyOCType { sumSC < --> sumOC } class sum { --> sumManySCManyOCType } sum "Aggregation by currency." </pre>						
type	sumManySCManyOCType						
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.						

5.2.21 complexType specSchemeType

diagram	<pre> classDiagram class specSchemeType { --> programID --> schemeType --> aSpecSchemeSC } class programID class schemeType class aSpecSchemeSC specSchemeType "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.

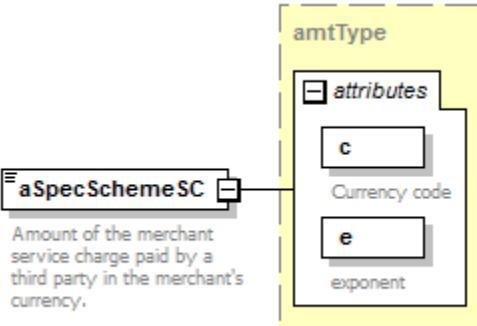
element specSchemeType/programID

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>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>Amount of the merchant service charge paid by a third party in the merchant's 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 Amount of the merchant service charge paid by a third party in the merchant's currency.												

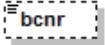
5.2.22 complexType stlAccountType

diagram	<pre> classDiagram class stlAccountType class payment class bcnr class bic class acctNo class passStlAcctNo class iban class product class stlCurCode class sum stlAccountType "1..∞" -- "payment" : stlAccountType "1..∞" -- "bcnr" : stlAccountType "1..∞" -- "bic" : stlAccountType "1..∞" -- "acctNo" : stlAccountType "1..∞" -- "passStlAcctNo" : stlAccountType "1..∞" -- "iban" : stlAccountType "1..∞" -- "product" : stlAccountType "1..∞" -- "stlCurCode" : stlAccountType "1..∞" -- "sum" : </pre> <p>The diagram illustrates the structure of the <code>stlAccountType</code> complex type. It features a central <code>stlAccountType</code> element connected via aggregation relationships to several other elements: <code>payment</code>, <code>bcnr</code>, <code>bic</code>, <code>acctNo</code>, <code>passStlAcctNo</code>, <code>iban</code>, <code>product</code>, <code>stlCurCode</code>, and <code>sum</code>. The <code>payment</code> relationship is marked with a multiplicity of <code>1..∞</code>. The <code>sum</code> relationship is also marked with a multiplicity of <code>1..∞</code>.</p>
children	payment bcnr bic acctNo passStlAcctNo iban product stlCurCode sum
used by	element settlingPartType/stlAccount

element stlAccountType/payment

diagram	<p>paymentType</p> <ul style="list-style-type: none"> businessPart $0..\infty$ Aggregation by point of sale (business partner) fAdj $0..\infty$ Bookings without a referencing a specific acceptance product. Typically charges for provided services, VAT, rounding differences, etc. openingBalance $0..\infty$ 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. closingBalance $0..\infty$ 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. payment $1..\infty$ Aggregation by merchant settlement (payment) paymentType "P": Payment instructions for merchant settlement have been sent. "N": The balance of the technical merchant account couldn't be paid out. paymentDate $0..\infty$ Only for paymentType "P". The date when the payment instruction has been sent. paymentNo $0..\infty$ Only for paymentType "P". Unique identifier of payment. extSettlingRefNo $0..\infty$ valueDate $0..\infty$ Only for paymentType "P". Value date of sent payment instruction. sum $0..\infty$ 						
type	paymentType						
properties	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">content</td><td>complex</td></tr> <tr> <td>minOcc</td><td>1</td></tr> <tr> <td>maxOcc</td><td>unbounded</td></tr> </table>	content	complex	minOcc	1	maxOcc	unbounded
content	complex						
minOcc	1						
maxOcc	unbounded						
children	businessPart fAdj openingBalance closingBalance paymentType paymentDate paymentNo extSettlingRefNo valueDate sum						
annotation	documentation Aggregation by merchant settlement (payment)						

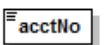
element *stlAccountType/bcnr*

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.

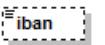
element *stlAccountType/acctNo*

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	<p>The diagram illustrates the aggregation of the sum element into the sum1SCManyOCType. The sum element is shown with a dashed box and a line pointing to a connector. This connector is part of a boundary object (sum1SCManyOCType) which contains two children: sumSC and sumOC. sumSC is associated with "Aggregation by merchant settlement currency" and has a multiplicity of 0..∞. sumOC is associated with "Aggregation by transaction currency".</p>
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> complex type as a base class. It features two disjoint subclasses: <i>fAdj</i> and <i>sumSlip</i>. A dashed line labeled "choice - either fAdj or sumSlip" connects the base class to its subclasses, indicating that an instance of <i>stlEntryType</i> must be one or the other but not both.</p>
children	fAdj sumSlip
used by	element contractType/stlEntry

element *stlEntryType/fAdj*

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

element *stlEntryType/sumSlip*

diagram	<pre> classDiagram class summarySlipType { +trx [0..∞] +errTrx [0..∞] +prod +sumSlipDate +sumSlipTime +passSumSlipId +passStlEntryNo +origin +sumSlipId [Only for paper sales slip submissions. Identifies sales slip.] +trmId +trmPer +sumSlipText +sumSlipRemark [Only for manually restored delivery groups. Refers to the causing incident.] +sum [Aggregation by currency] } class sumSlip { -sumSlipId -trmId -trmPer -sumSlipText -sumSlipRemark } sumSlip "1" --> "1" summarySlipType : sumSlipId summarySlipType "1" --> "1" sumSlip : trmId summarySlipType "1" --> "1" sumSlip : trmPer summarySlipType "1" --> "1" sumSlip : sumSlipText summarySlipType "1" --> "1" sumSlip : sumSlipRemark </pre> <p>The diagram illustrates the structure of the <code>summarySlipType</code> element. It contains two main components: <code>trx</code> (Processed transactions) and <code>errTrx</code> (Rejected transactions). The <code>trx</code> component is associated with <code>prod</code> (Acceptance product), <code>sumSlipDate</code> (Cut-off date for this period), <code>sumSlipTime</code> (Cut-off time for this period), <code>passSumSlipId</code>, <code>passStlEntryNo</code> (Unique identifier for technical booking of gross amount), <code>origin</code> (Protocol used in delivery of transaction to processor), <code>sumSlipId</code> (Only for paper sales slip submissions. Identifies sales slip), <code>trmId</code> (Terminal identifier), <code>trmPer</code> (Terminal period of this delivery group), <code>sumSlipText</code>, and <code>sumSlipRemark</code> (Only for manually restored delivery groups. Refers to the causing incident). Additionally, there is an aggregation relationship between <code>sumSlip</code> and <code>summarySlipType</code> via <code>sumSlipId</code>.</p>						
type	summarySlipType						
properties	<table border="0"> <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 <i>sum1SC1OCType</i> complex type. It features a central oval representing the aggregation relationship. On the left, a rectangle labeled sum1SC1OCType has a solid line pointing to the oval. From the oval, two dashed lines point to two separate rectangles: sumSC and sumOC. Below each rectangle is a small plus sign (+). A callout box with a grey border and white background provides additional context: "Aggregation by merchant settlement currency" is associated with sumSC, and "Aggregation by transaction currency" is associated with sumOC.</p>
children	<u>sumSC</u> <u>sumOC</u>
used by	element <u>summarySlipType/sum</u>

element `sum1SC1OCType/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 } sumSC < -- sumSCType </pre> <p>The diagram illustrates the structure of the <code>sumSCType</code> element. It contains the following components:</p> <ul style="list-style-type: none"> sumCond: 0..∞ 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: Rounding difference in payments. aRoundDiffSC: Rounding difference in payments. aComEffSC: Effective merchant service charges. aComEffHighSC: Unrounded effective merchant service charges. aComTotSC: optional: only present when special scheme applies. aComEffBC: optional: only present when VAT applies. aComTotBC: optional: only present when special scheme and VAT applies. aSpecSchemeSC: optional: only present when special scheme applies. aVatSC: 0..2 If VAT is applicable: VAT amount. aVatBC: 0..2 optional: only present when VAT applies. <p>A relationship labeled "Aggregation by merchant settlement currency" connects <code>sumSC</code> to <code>sumSCType</code>.</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 *sum1SC1OCType/sumOC*

diagram	<pre> classDiagram class sumOCType { noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC } class sumOC { *--> sumOCType } sumOC "Aggregation by transaction currency" </pre>
type	sumOCType
properties	content complex
children	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC
annotation	documentation Aggregation by transaction currency

5.2.25 complexType sum1SCManyOCType

diagram	<p>The diagram illustrates the structure of the complex type sum1SCManyOCType. It features a main box labeled "sum1SCManyOCType" with a hollow rectangle symbol. An aggregation relationship is shown with a dashed line connecting it to a box labeled "sumSC" with a plus sign symbol. A note next to this connection states "Aggregation by merchant settlement currency". Another aggregation relationship is shown with a dashed line connecting the main box to a box labeled "sumOC" with a plus sign symbol. A note next to this connection states "Aggregation by transaction currency". The multiplicity "0..∞" is indicated below the "sumOC" box.</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 "0..>" sumSC </pre> <p>The diagram illustrates the structure of the <code>sumSCType</code> element. It contains several attributes and their definitions:</p> <ul style="list-style-type: none"> <code>sumCond</code>: Merchant service charge details. <code>noPayments</code>: Number of payments. <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>noSumSlip</code>: Number of processed delivery groups. <code>aNetSC</code>: $= aTndNetSC + aFAdjNetSC$. <code>aGrosSC</code>: $= aTndGrosSC + aFAdjNetSC$. <code>aPaymentSC</code>: $= aNetSC + aRoundDiffSC$. This field is not present for non-payments. <code>aTrxGrosSC</code>: Delivered gross amount. <code>aTrxNetSC</code>: $= aTrxGrosSC - aComEffSC$. <code>aTrxPwcbSC</code>: Cash back amount in merchant settlement currency of purchase with cashback transactions. <code>aTipSC</code>: Tip amount. <code>aAdjNetSC</code>: $= aAdjNetSC$. <code>aRoundDiffSC</code>: Rounding difference in payments. <code>aComEffSC</code>: Effective merchant service charges. <code>aComEffHighSC</code>: Unrounded effective merchant service charges. <code>aComTotSC</code>: <small>optional; only present when special scheme applies</small>. <code>aComEffBC</code>: <small>optional; only present when VAT applies</small>. <code>aComTotBC</code>: <small>optional; only present when special scheme and VAT applies</small>. <code>aSpecSchemeSC</code>: <small>optional; only present when special scheme applies</small>. <code>aVatSC</code>: <small>0..2 IF VAT is applicable: VAT amount</small>. <code>aVatBC</code>: <small>0..2 optional; only present when vat applies</small>. <p>A relationship named <code>sum SC</code> is shown, with a note: "Aggregation by merchant settlement currency".</p>
type	<code>sumSCType</code>
properties	content complex
children	<code>sumCond</code> <code>noPayments</code> <code>noValidTrx</code> <code>noValidTrxWithTip</code> <code>noValidTrxPwcb</code> <code>noSumSlip</code> <code>aNetSC</code> <code>aGrosSC</code> <code>aPaymentSC</code> <code>aTrxGrosSC</code> <code>aTrxNetSC</code> <code>aTrxPwcbSC</code> <code>aTipSC</code> <code>aAdjNetSC</code> <code>aRoundDiffSC</code> <code>aComEffSC</code> <code>aComEffHighSC</code> <code>aComTotSC</code> <code>aComEffBC</code> <code>aComTotBC</code> <code>aSpecSchemeSC</code> <code>aVatSC</code> <code>aVatBC</code>
annotation	documentation Aggregation by merchant settlement currency

element *sum1SCManyOCType/sumOC*

diagram	<pre> classDiagram class sumOCType { noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC } sumOC "0..∞" --> sumOCType : Aggregation by transaction currency </pre>						
type	sumOCType						
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	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. One relationship points to <i>sumSC</i> with a multiplicity of $1..\infty$, labeled "Aggregation per merchant settlement currency". The other relationship points to <i>sumOC</i> with a multiplicity of $0..\infty$, labeled "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 aFAdjNetSC aRoundDiffSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC aVatSC aVatBC } class sumSC { < -- sumSCType *--> sumSCType "1..>" aggregation documentation: Aggregation per merchant settlement currency } </pre> <p>The diagram illustrates the structure of the <code>sumSCType</code> element. It contains several fields and their definitions:</p> <ul style="list-style-type: none"> <code>sumCond</code>: Merchant service charge details. <code>noPayments</code>: Number of payments. <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>noSumSlip</code>: Number of processed delivery groups. <code>aNetSC</code>: $= aTrxNetSC + aFAdjNetSC$. <code>aGrosSC</code>: $= aTrxGrosSC + aFAdjNetSC$. <code>aPaymentsSC</code>: $= aNetSC + aRoundDiffSC$. This field is the effective payment amount. This field is not present for non-payments. <code>aTrxGrosSC</code>: Delivered gross amount. <code>aTrxNetSC</code>: $= aTrxGrosSC - aComEffSC$. <code>aTrxPwcbSC</code>: Cash back amount in merchant settlement currency of purchase with cashback transactions. <code>aTipSC</code>: Tip. <code>aFAdjNetSC</code>: Adjustment net amount. <code>aRoundDiffSC</code>: Rounding difference in payments. <code>aComEffSC</code>: Effective merchant service charges. <code>aComEffHighSC</code>: Unrounded effective merchant service charges. <code>aComTotSC</code>: optional: only present when special scheme applies. <code>aComEffBC</code>: optional: only present when VAT applies. <code>aComTotBC</code>: optional: only present when special scheme and VAT applies. <code>aSpecSchemeSC</code>: optional: only present when special scheme applies. <code>aVatSC</code>: $0..2$. If VAT is applicable: VAT amount. <code>aVatBC</code>: $0..2$. optional: only present when vat applies. <p>A relationship is shown between <code>sumSC</code> and <code>sumSCType</code>, indicating aggregation per merchant settlement currency.</p>						
type	<code>sumSCType</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	<code>sumCond</code> <code>noPayments</code> <code>noValidTrx</code> <code>noValidTrxWithTip</code> <code>noValidTrxPwcb</code> <code>noSumSlip</code> <code>aNetSC</code> <code>aGrosSC</code> <code>aPaymentSC</code> <code>aTrxGrosSC</code> <code>aTrxNetSC</code> <code>aTrxPwcbSC</code> <code>aTipSC</code> <code>aFAdjNetSC</code> <code>aRoundDiffSC</code> <code>aComEffSC</code> <code>aComEffHighSC</code> <code>aComTotSC</code> <code>aComEffBC</code> <code>aComTotBC</code> <code>aSpecSchemeSC</code> <code>aVatSC</code> <code>aVatBC</code>						
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 --> sumOCType </pre> <p>The diagram shows the sumOCType element as a class with several attributes. It has a aggregation relationship named sumOC with multiplicity 0..∞, labeled "Aggregation per transaction currency".</p>						
type	sumOCType						
properties	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">content</td><td style="width: 15%;">complex</td> <td style="width: 15%;">minOcc</td><td style="width: 15%;">0</td> <td style="width: 15%;">maxOcc</td><td style="width: 15%;">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 { <<Protocol used in delivery of transaction to processor. See documentation for allowed values.>> } class origin { <<Terminal identifier>> } class sumSlipId { <<Only for paper sales slip submissions. Identifies sales slip.>> } class trmId { <<Terminal period of this delivery group.>> } class sumSlipText { <<Only for manually restored delivery groups. Refers to the causing incident.>> } class sumSlipRemark { <<Only for manually restored delivery groups. Refers to the causing incident.>> } class sum { <<Aggregation by currency>> } summarySlipType "2" -- "1" :> errTrx summarySlipType "2" -- "1" :> sumSlipDate summarySlipType "2" -- "1" :> sumSlipTime summarySlipType "2" -- "1" :> passSumSlipId summarySlipType "2" -- "1" :> passStlEntryNo summarySlipType "2" -- "1" :> origin summarySlipType "2" -- "1" :> sumSlipId summarySlipType "2" -- "1" :> trmId summarySlipType "2" -- "1" :> sumSlipText summarySlipType "2" -- "1" :> sumSlipRemark summarySlipType "2" -- "1" :> sum </pre> <p>The diagram illustrates the structure of the <i>summarySlipType</i> complex type. It consists of a main element <i>summarySlipType</i> which contains several child elements: <i>errTrx</i>, <i>sumSlipDate</i>, <i>sumSlipTime</i>, <i>passSumSlipId</i>, <i>passStlEntryNo</i>, <i>origin</i>, <i>sumSlipId</i>, <i>trmId</i>, <i>sumSlipText</i>, <i>sumSlipRemark</i>, and <i>sum</i>. The <i>summarySlipType</i> element has a multiplicity of 2, while all other child elements have a multiplicity of 1. The <i>sum</i> element is shown with an aggregation relationship, indicated by a hollow circle with a plus sign.</p>
children	trx errTrx prod sumSlipDate sumSlipTime passSumSlipId passStlEntryNo origin sumSlipId trmId trmPer sumSlipText sumSlipRemark sum
used by	element stlEntryType/sumSlip

element *summarySlipType/trx*

diagram	<pre> classDiagram transactionType < -- summarySlipType transactionType { TrxType TrxId PassTrxId TrxLocation aTrxId TrxAmount TrxCurrency TrxDate TrxTime Pan AuthInfo Rollo TrmTrxId aSpnCardId aSPNTRXID RerollInfo RefrenceNo AddressData AddlInfo AddlInfoText Arn Decl Universal EntryType Classid LangNumber Remarks State aTrxStatus aTrxLSC aTrxWLS aTrxT aComRMC ComMsg aComMTC aComRMC aComMTC aSpecScheme aSpcProduct AddressData aAcqSlipLSC } </pre> <p>The diagram shows the <code>transactionType</code> class with the following attributes:</p> <ul style="list-style-type: none"> <code>TrxType</code>: Virtual identifier of the transaction type for allowed payment methods. <code>TrxId</code>: Type of the transaction. See payment method for allowed values. <code>PassTrxId</code>: Unique transaction identifier of payment. <code>TrxLocation</code>: Initiates chargeback. <code>aTrxId</code>: Transaction amount in payment currency. <code>TrxAmount</code>: Transaction amount in payment currency. <code>TrxCurrency</code>: Transaction currency. <code>TrxDate</code>: Date of sale. <code>TrxTime</code>: Time of sale. <code>Pan</code>: Primary Account Number (PAN). Only the last four digits are allowed. <code>AuthInfo</code>: Authorization number generated by the merchant during authorization process. <code>Rollo</code>: Authorization reference generated by the merchant during authorization process. <code>TrmTrxId</code>: Terminal reference number and manual reference by merchant. <code>aSpnCardId</code>: Merchant reference with all cardholders. <code>aSPNTRXID</code>: Merchant reference with all PAN, PPN numbers. <code>RerollInfo</code>: Status of reference number generation. <code>RefrenceNo</code>: Reference number. <code>AddressData</code>: Address data. <code>AddlInfo</code>: Additional information about the account of user and merchant. The source of this information is used for reconciliation of the transaction. <code>AddlInfoText</code>: Additional information sent included into the receiving message for the cardholder issue. <code>Arn</code>: Acquirer reference number. <code>Decl</code>: Decline reason code. <code>Universal</code>: Identifier reverse 1 - n. <code>EntryType</code>: Acquirer entry type. <code>Classid</code>: Unique identifier of payment method. <code>LangNumber</code>: Language code. <code>Remarks</code>: Virtual identifier of further remarks. <code>State</code>: Transaction status. <code>aTrxStatus</code>: Transaction status applied in payment currency. <code>aTrxLSC</code>: Merchant service charge applied in merchant service charge currency. <code>aTrxWLS</code>: Merchant service charge applied in merchant service charge currency. <code>aTrxT</code>: Merchant service charge applied in merchant service charge currency. <code>aComRMC</code>: Effective merchant service charge (including merchant service charge) applied to the merchant's transaction in the merchant's service charge currency. <code>ComMsg</code>: Transaction message. <code>aComMTC</code>: Total merchant service charge applied to the merchant's transaction in the merchant's service charge currency. <code>aComRMC</code>: Effective merchant service charge (including merchant service charge) applied to the merchant's transaction in the merchant's service charge currency. <code>aComMTC</code>: Only when relevant apply merchant service charge applied to the merchant's transaction in the merchant's service charge currency. <code>aSpecScheme</code>: Merchant service charge and its third party currency. <code>aSpcProduct</code>: Scheme card product of the merchant's service charge. <code>AddressData</code>: Address data. <code>aAcqSlipLSC</code>: Merchant service charge applied in merchant service charge currency.
type	transactionType

properties	content minOcc maxOcc	complex 0 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 xRate aTrxGrosSC aTrxNetSC aTrxPwcbSC aTipSC aComEffSC aComEffHighSC aComTotSC aComEffBC aComTotBC aSpecSchemeSC cardProduct unBlendCat clearingRegion aICAcqTolssSC
annotation	documentation	Processed transactions

element summarySlipType/errTrx

diagram	<pre> classDiagram class errTransactionType { trxType trxTypeId passTrxId trxIndicator aTrxOC aTrxPwOC aTipOC trxDate trxTime pan authNo refNo terminal ep2mercid ep2pMSD retrRefNo addlMericData arn docInd isReversal errType caseId origTrxDate remark accountIndex trxErrTxt } class errTrx { <<Rejected transactions>> } errTrx "0..xx" --> errTransactionType : Rejected transactions </pre>						
type	<u>errTransactionType</u>						
properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">content</td><td style="padding: 2px;">complex</td></tr> <tr> <td style="padding: 2px;">minOcc</td><td style="padding: 2px;">0</td></tr> <tr> <td style="padding: 2px;">maxOcc</td><td style="padding: 2px;">unbounded</td></tr> </table>	content	complex	minOcc	0	maxOcc	unbounded
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	 Acceptance product (see processor specification for allowed values)
type	xs:string
properties	content simple
annotation	documentation Acceptance product (see processor specification for allowed values)

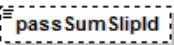
element *summarySlipType/sumSlipDate*

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

element *summarySlipType/sumSlipTime*

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

element *summarySlipType/passSumSlipId*

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

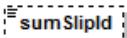
element *summarySlipType/passStlEntryNo*

diagram	 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.

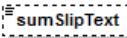
element *summarySlipType/trmId*

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

element *summarySlipType/trmPer*

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

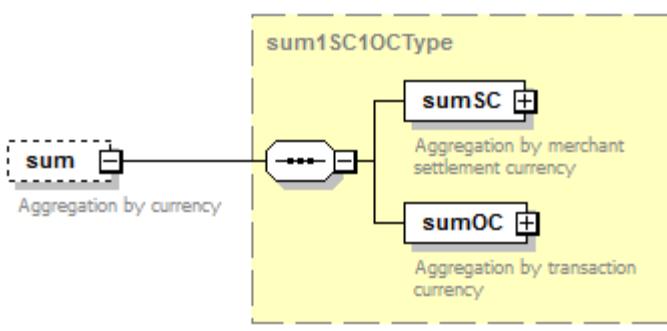
element *summarySlipType/sumSlipText*

diagram	 sumSlipText
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.

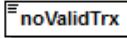
element *summarySlipType/sum*

diagram	
type	<u>sum1SC1OCType</u>
properties	content complex minOcc 0 maxOcc 1
children	<u>sumSC</u> <u>sumOC</u>
annotation	documentation Aggregation by currency

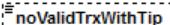
5.2.28 complexType sumOCType

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 <code>sumOCType</code> 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.
children	noValidTrx noValidTrxWithTip noValidTrxPwcb noDelTrx noSumSlip aTrxOC aTrxPwcbOC aDelTrxOC noErrTrx aErrTrxOC aTipOC
used by	elements sumManySCManyOCType/sumOC sum1SC1OCType/sumOC sum1SCManyOCType/sumOC

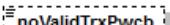
element *sumOCType/noValidTrx*

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

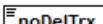
element *sumOCType/noValidTrxWithTip*

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>Processed transaction gross amount</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>Cash back amount in original transaction currency of purchase with cashback transactions.</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 in original transaction currency of purchase with cashback transactions.												

element *sumOCType/aDelTrxOC*

diagram	<p>The diagram shows a class named <code>aDelTrxOC</code> connected to a class named <code>amtType</code>. The <code>amtType</code> class has two attributes: <code>c</code> (labeled "Currency code") and <code>e</code> (labeled "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 Delivered transaction gross amount												

element *sumOCType/noErrTrx*

diagram	<p>The diagram shows a class named <code>noErrTrx</code>.</p>						
type	xs:integer						
properties	<table> <thead> <tr> <th>content</th> <th>simple</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table>	content	simple	minOcc	0	maxOcc	1
content	simple						
minOcc	0						
maxOcc	1						
annotation	documentation Number of rejected transactions						

element *sumOCType/aErrTrxOC*

diagram	<p>The diagram shows a class named <code>aErrTrxOC</code> connected to a class named <code>amtType</code>. The <code>amtType</code> class has two attributes: <code>c</code> (labeled "Currency code") and <code>e</code> (labeled "exponent").</p>												
type	amtType												
properties	<table> <thead> <tr> <th>content</th> <th>complex</th> </tr> </thead> <tbody> <tr> <td>minOcc</td> <td>0</td> </tr> <tr> <td>maxOcc</td> <td>1</td> </tr> </tbody> </table>	content	complex	minOcc	0	maxOcc	1						
content	complex												
minOcc	0												
maxOcc	1												
attributes	<table> <thead> <tr> <th>Name</th> <th>Type</th> <th>Use</th> <th>Annotation</th> </tr> </thead> <tbody> <tr> <td>c</td> <td>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	<p>The diagram illustrates the relationship between the aTipOC element and the amtType type. The amtType is represented by a yellow box labeled "amtType". Inside this box, there is a section titled "attributes" containing two elements: c (labeled "Currency code") and e (labeled "exponent"). A dashed line connects the aTipOC element (which is also labeled "Tip amount") to the amtType box, indicating that aTipOC is a derived attribute of amtType.</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>currency code documentation</td> </tr> <tr> <td>e</td> <td>derived by: xs:integer</td> <td>required</td> <td>exponent documentation</td> </tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	currency code documentation	e	derived by: xs:integer	required	exponent documentation
Name	Type	Use	Annotation										
c	derived by: xs:string	required	currency code documentation										
e	derived by: xs:integer	required	exponent documentation										
annotation	documentation Tip amount												

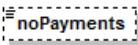
5.2.29 complexType sumSCType

diagram	<pre> classDiagram class sumCond { 0..x Merchant service charge details } class noPayments { Number of payments } class noValidTrx { Number of processed transactions } class noValidTrxWithTip { Number of processed transactions which include a tip } class noValidTrxPwcb { Number of processed purchase with cashback transactions } class noSumSlip { Number of processed delivery groups } class aNetSC { = aTrnNetSC + aFAdjNetSC } class aGrosSC { = aTrnGrosSC + aFAdjNetSC } class aPaymentSC { = aNetSC + aRoundDiffSC. This is the netitive payment amount. This field is not present for non-payments } class aTrxGrosSC { Delivered gross amount } class aTrxNetSC { = aTrxGrosSC - aComEffSC } class aTrxPwcbSC { Cash back amount in merchant settlement currency of purchase with cashback transactions. } class aTipSC { Tip amount } class aFAdjNetSC class aRoundDiffSC { Rounding difference in payments } class aComEffSC { Effective merchant service charges } class aComEffHighSC { Unrounded effective merchant service charges } class aComTotSC { optional: only present when special scheme applies } class aComEffBC { optional: only present when VAT applies } class aComTotBC { optional: only present when special scheme and VAT applies } class aSpecSchemeSC { optional: only present when special scheme applies } class aVatSC { 0..2 If VAT is applicable: VAT amount } class aVatBC { 0..2 optional: only present when vat applies } sumSCType < -- sumCond sumSCType < -- noPayments sumSCType < -- noValidTrx sumSCType < -- noValidTrxWithTip sumSCType < -- noValidTrxPwcb sumSCType < -- noSumSlip sumSCType < -- aNetSC sumSCType < -- aGrosSC sumSCType < -- aPaymentSC sumSCType < -- aTrxGrosSC sumSCType < -- aTrxNetSC sumSCType < -- aTrxPwcbSC sumSCType < -- aTipSC sumSCType < -- aFAdjNetSC 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>aFAdjNetSC</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" } sumCond "0..∞" --> condFullType sumCond "0..∞" --> aComEffExclVatSC </pre>						
type	condFullType						
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	condCode specScheme aComEffExclVatSC aComTotExclVatSC aComSpecSchemeTotSC aFixComRateSC aMinComRateSC percComRate aMaxComRateSC tariffDetail						
annotation	documentation Merchant service charge details						

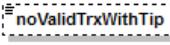
element *sumSCType/noPayments*

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

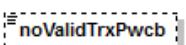
element *sumSCType/noValidTrx*

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

element *sumSCType/noValidTrxWithTip*

diagram	 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	 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	 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 { <<attributes>> <<c: Currency code>> <<e: exponent>> } class 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 { <<attributes>> <<c: Currency code>> <<e: exponent>> } class 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 documentation</th><th>Annotation documentation</th></tr> </thead> <tbody> <tr> <td>c</td><td>derived by: xs:string</td><td>required</td><td>currency code</td><td></td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td></td><td>exponent</td></tr> </tbody> </table>	Name	Type	Use	Annotation documentation	Annotation documentation	c	derived by: xs:string	required	currency code		e	derived by: xs:integer	required		exponent
Name	Type	Use	Annotation documentation	Annotation documentation												
c	derived by: xs:string	required	currency code													
e	derived by: xs:integer	required		exponent												
annotation	documentation = aNetSC + aRoundDiffSC. This is the effective payment amount. This field is not present for non-payments															

element sumSCType/aTrxGrossSC

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

element sumSCType/aTrxNetSC

diagram	<pre> classDiagram aTrxNetSC --> amtType amtType { <<amtType>> attributes c "Currency code" e "exponent" } aTrxNetSC == aTrxGrosSC - aComEffSC </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	<p>Cash back amount in merchant settlement currency of purchase with cashback transactions.</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 in merchant settlement currency of purchase with cashback transactions.												

element sumSCType/aTipSC

diagram	<pre> graph TD amtType[amtType] --> attributes[attributes] attributes --> c[c] attributes --> e[e] style amtType fill:#ffffcc style attributes fill:#ffffcc style c fill:#ffffcc style e fill:#ffffcc </pre> <p>The diagram shows the structure of the <code>amtType</code> element. It is a complex type with two attributes: <code>c</code> (Currency code) and <code>e</code> (exponent). The entire structure is highlighted with a yellow background.</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>currency code documentation</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>exponent documentation</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	currency code documentation	e	derived by: xs:integer	required	exponent documentation
Name	Type	Use	Annotation										
c	derived by: xs:string	required	currency code documentation										
e	derived by: xs:integer	required	exponent documentation										
annotation	documentation Tip amount												

element sumSCType/aFAdjNetSC

diagram	<pre> graph TD amtType[amtType] --> attributes[attributes] attributes --> c[c] attributes --> e[e] style amtType fill:#ffffcc style attributes fill:#ffffcc style c fill:#ffffcc style e fill:#ffffcc </pre> <p>The diagram shows the structure of the <code>amtType</code> element. It is a complex type with two attributes: <code>c</code> (Currency code) and <code>e</code> (exponent). The entire structure is highlighted with a yellow background.</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>currency code documentation</td></tr> <tr> <td>e</td><td>derived by: xs:integer</td><td>required</td><td>exponent documentation</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	currency code documentation	e	derived by: xs:integer	required	exponent documentation
Name	Type	Use	Annotation										
c	derived by: xs:string	required	currency code documentation										
e	derived by: xs:integer	required	exponent documentation										

element sumSCType/aRoundDiffSC

diagram	<pre> classDiagram class amtType { <<attributes>> <<c>> <<Currency code>> <<e>> <<exponent>> } class aRoundDiffSC { <<Rounding difference in payments>> } aRoundDiffSC --> amtType </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>> <<Currency code>> <<e>> <<exponent>> } class aComEffSC { <<Effective merchant service charges>> } aComEffSC --> amtType </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 { <<Unrounded effective merchant service charges>> <<attributes>> c e } class aComEffHighSC { <<Unrounded effective merchant service charges>> } aComEffHighSC --> amtType </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 Unrounded effective merchant service charges												

element sumSCType/aComTotSC

diagram	<pre> classDiagram class amtType { <<optional: only present when special scheme applies>> <<attributes>> c e } class aComTotSC { <<optional: only present when special scheme applies>> } aComTotSC --> amtType </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 optional: only present when special scheme applies												

element sumSCType/aComEffBC

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

element sumSCType/aComTotBC

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

element sumSCType/aSpecSchemeSC

diagram	<p>The diagram shows a class named amtType with a dashed line pointing to an attribute named aSpecSchemeSC. A note below states: "optional: only present when special scheme applies".</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>exponent documentation</td></tr> </tbody> </table>	Name	Type	Use	Annotation	c	derived by: xs:string	required	documentation currency code	e	derived by: xs:integer	required	exponent documentation
Name	Type	Use	Annotation										
c	derived by: xs:string	required	documentation currency code										
e	derived by: xs:integer	required	exponent documentation										
annotation	documentation optional: only present when special scheme applies												

element sumSCType/aVatSC

diagram	<p>The diagram shows a class named amtVATTType with a dashed line pointing to an attribute named aVatSC. A note below states: "If VAT is applicable: VAT amount".</p>																
type	amtVATTType																
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>exponent documentation</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	exponent documentation	aVATPer	xs:decimal	required	
Name	Type	Use	Annotation														
c	derived by: xs:string	required	documentation currency code														
e	derived by: xs:integer	required	exponent documentation														
aVATPer	xs:decimal	required															
annotation	documentation If VAT is applicable: VAT amount																

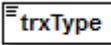
element *sumSCType/aVatBC*

diagram	<p>The diagram shows a class named amtVATTType with a dashed association line labeled aVatBC pointing to it. The multiplicity at the end of the line is 0..2. A note below states: optional: only present when vat applies.</p>																
type	amtVATTType																
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</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														
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 < -- 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 inherits from <i>trxType</i> and <i>origin</i>. The type includes several attributes: <i>aTrxOC</i>, <i>aComEffSC</i>, <i>aTrxNetSC</i>, <i>trxDate</i>, <i>trxTime</i>, <i>trmTrxNo</i>, <i>ep2mercID</i>, <i>ep2PMSID</i>, <i>trmId</i>, <i>trmPer</i>, and <i>prod</i>. <i>ep2mercID</i> and <i>ep2PMSID</i> are marked with dashed lines, indicating they are optional or specific to certain merchant types.</p>
children	trxType origin aTrxOC aComEffSC aTrxNetSC trxDate trxTime trmTrxNo ep2mercID ep2PMSID trmId trmPer prod
used by	element financialAdjustmentType/topupTrx

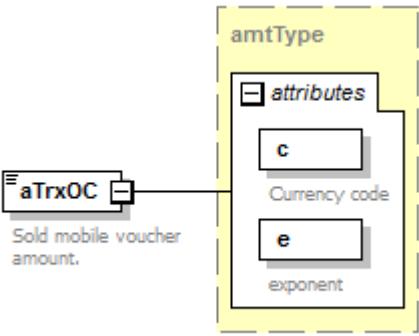
element *topupTrxType/trxType*

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													
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>> <<e: exponent>> } aComEffSC --> amtType note over aComEffSC: Merchant kickback </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 Merchant payback												

element *topupTrxType/aTrxNetSC*

diagram	<pre> classDiagram class aTrxNetSC class amtType { <<attributes>> <<c: Currency code>> <<e: exponent>> } aTrxNetSC --> amtType note over aTrxNetSC: Net merchant debt of mobile voucher sale. </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 Net merchant debt of mobile voucher sale.												

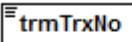
element *topupTrxType/trxDate*

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

element *topupTrxType/trxTime*

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

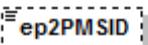
element *topupTrxType/trmTrxNo*

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*

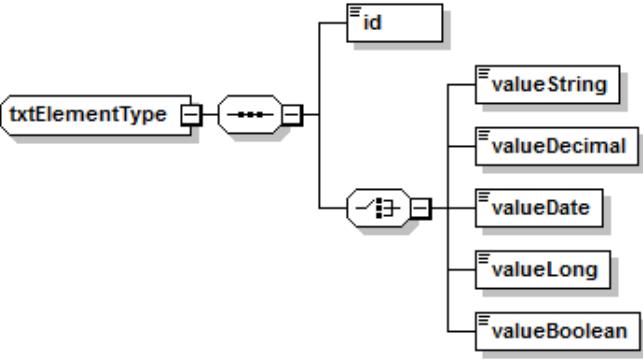
diagram	 Mobile voucher product. See processor specification for allowed values.
type	xs:string
properties	content simple
annotation	documentation Mobile voucher product. See processor specification for allowed values.

5.2.31 complexType *transactionType*

diagram	<pre> classDiagram class transactionType { <<baseTrxType (extension)>> #trxType #trxTypeId #passTrId #trxIndicator #aTrxOC #aTrxPocOC #aTipOC #trxDate #trxTime #pan #authNo #refolio #trmTrxId #ep2mercid #ep2PMSID #retrefolio #addMerchans #addStransText #ar #dcnid #isReversal #entrytype #asoid #origTrxDate #accountIndex } class baseTrxType { #trxType #trxTypeId #passTrId #trxIndicator #aTrxOC #aTrxPocOC #aTipOC #trxDate #trxTime #pan #authNo #refolio #trmTrxId #ep2mercid #ep2PMSID #retrefolio #addMerchans #addStransText #ar #dcnid #isReversal #entrytype #asoid #origTrxDate #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

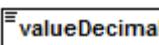
element *txtElementType/id*

diagram	
type	xs:string
properties	content simple

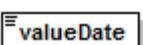
element *txtElementType/valueString*

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