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Invoice canonical guidelines

Invoices allow companies to exchange billing amounts and payment terms with upstream and downstream supply chain trade partners for finished goods and services without giving these trade partners access to their serialization system of record.

Canonical guidelines

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
data	–	Object type/root element.	–	–	–
controlFileHeader	–	Canonical control file header to store data for control segments of IDocs and TL XML transactions, and EDI envelopes for X12 and EDIFACT.	–	–	–
messageBody	–	Payload for Invoice canonical.	–	–	–
canonicalInvoiceHeader	–	Invoice header information.	IDOC/EDEK01	–	–
processingFunctionTypeCode	string	Invoice processing function code. Valid values include: • ORIGINAL • CREATE • CHANGE • CONFIRM • CANCEL	–	–	–
invoiceTermsOfPaymentKey	string	Terms of payment key.	E1EDK01/ZTERM	–	–
vatRegistrationNumber	string	VAT registration identifier.	E1EDK01/KUNDEUINR	–	–
alternateVATRegistrationNumber	string	Alternate registration identifier for VAT.	E1EDK01/EIGENUINR	–	–
invoiceDocumentType	string	Invoice document type.	E1EDK01/BSART	–	–
invoiceListType	string	Invoice list type (for billing).	E1EDK01/FKART_RL	–	–
billingCategory	string	Billing category.	E1EDK01/FKTYP	–	–
additionalPONumber	string	Additional purchase order identifier.	E1EDK01/BSTZD	–	–
shippingConditions	string	Shipping conditions.	E1EDK01/VSART	–	–
shippingConditionsDescription	string	Description of shipping conditions.	E1EDK01/VSART_BEZ	–	–
recipientIdentifier	string	Invoice recipient identifier.	E1EDK01/RECIPNT_NO	–	–
isDropShipment	boolean	Drop ship invoice flag. Valid values: • True - Drop ship invoice • False - Not drop ship invoice (default)	–	–	–
invoiceType	string	Invoice type. Valid value is DROPSHIP - DEBIT. Note: Temporary. Creating full enumeration list for 2025.3.0. Will only use drop ship and debit for EP July release.	–	BIG07 = • DO (DROPSHIP) • DI (DEBIT) See CL_InvoiceType tab for all conversions Note: For EP release 2025.2.1.	
localCurrency	string	Local currency code.	HWAER	–	–
transactionReferenceIdentifiers	array	Transaction references for deliveries at header level.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
b2bTransactionIdentifierType	string	Referenced document type. Valid values include: • INVOICE (required) • PURCHASEORDER (required) • DELIVERY • SUPPLIERORDER • ASSIGNMENT • SHIPMENT • PRECEDINGDOCUMENT • TRACKINGNUMBER • BILLINGREFERENCE • RELEASE	E1EDK02/QUALF = • 009 (INVOICE) or • 001 (PURCHAEORDER) or • 002 (SUPPLYORDER) or • 012 (DELIVERY) • 017 (ASSIGNMENT) • 016 (PRECEDINGDOCUMENT) • 087 (BILLINGREFERENCE)	–	RFF01-010 = • CT (CONTRACT) Or • BC (CUSTOMERCONTRACT) Or • DM (DOCUMENT) Or • DQ (DELIVERY) Or • IV (INVOICE) Or • ON (PURCHASEORDER) Or • RE (RELEASE) Or • VC (SUPPLIERCONTRACT) Or • VN (SUPPLIERORDER)
b2bTransactionIdentifierValue	string	Reference order identifier value for invoice identified by transactionReferenceIdentifierType.	E1EDK01/BELNR and E1EDK02/BELNR when b2bTransactionIdentifierType = INVOICE E1EDK02/BELNR when b2bTransactionIdentifierType = • INVOICE or • PURCHASEORDER or • SUPPLIERORDER or • DELIVERY or • ASSIGNMENT or • PRECEDINGDOCUMENT or • BILLINGREFERENCE	• BIG02 when b2bTransactionIdentifierType = INVOICE (required) • BIG04 when b2bTransactionIdentifierType = PURCHASEORDER • BIG05 when b2bTransactionIdentifierType = RELEASE	BGM02-010 when • b2bTransactionIdentifierType = INVOICE (required) RFF01-020 when • b2bTransactionIdentifierType other then INVOICE
lineItemNumber	string	Line item number in transaction reference. Line item level only.	–	–	–
transactionDate	string	Date transaction created.	E1EDK02/DATUM and UZEIT	BIG01 when b2bTransactionIdentifierType = INVOICE BIG03 when b2bTransactionIdentifierType = PURCHASEORDER	DTM01-020 with DTM01-010 as 137 and DTM01-030 as 102 when b2bTransactionIdentifierType = INVOICE
epochTransactionDate	integer	Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
transactionReferenceInformation	array	Reference information for identifiers that are not related to transaction documents. This group would map to X12 segments REF and N9 and EDIFACT RFF for information other than transaction documents.	–	REF segment	–
transactionReferenceType	string	Transaction reference type for X12 segments REF and N9 and EDIFACT RFF for general reference data that is not a transaction document identifier. HDA mapping. Valid value is ACCOUNTSRECEIVABLE - Accounts Receivable.	–	REF01 = AP (ACCOUNTSRECEIVABLE) Use Java call-out to enum lookup table CL_TransactionReferenceType	–
transactionReferenceIdentifier	string	Transaction reference identifier value as defined by enumeration in transactionReferenceType. Pass thru X12 mapping.	–	REF02	–
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	–	REF03	–
transactionReferenceDate	string	Transaction reference date and time/ if time available/ in date format YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS.nnnZ if time available.	–	–	–
epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	–	–	–
invoiceDates	array	Invoice dates at header level.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
dateType	string	referenced date type. Valid values include: • SHIPPED • DELIVERY • BILLING • DUEDATE • DOCUMENT • INVOICE • PRICING • MESSAGE • PURCHASEORDER • FIXEDVALUE • SUPPLIERORDER • CREATEDON • SERVICESRENDERED • CANCELBY • DELIVERYREQUESTED • ESTIMATEDDELIVERY • EXPIRATION • PO_RECEIVED • SHIPMENTREQUESTED • SHIPPED • EXCHANGERATE	E1EDK03/IDDAT = • 001 (DELIVERY) or • 011 (MESSAGE) or • 012 (DOCUMENT) or • 022 (PURCHASEORDER) or • 023 (PRICING) or • 024 (FIXEDVALUE) or • 026 (BILLING) or • 028 (DUEDATE) or • 029 (SUPPLIERORDER) or • 025 (CREATEDON) or • 027 (SERVICESRENDERED) or • 048 (EXCHANGERATE)	DTM01 = • CANCELBY (177) or • DELIVERYREQUESTED (002) or • ESTIMATEDDELIVERY (017) or • EXPIRATION (036) or • INVOICE (003) or • PO_RECEIVED (008) or • DOCMENT (102) or • PURCHASEORDER (004) or • SHIPMENTREQUESTED (010) or • SHIPPED (011)	DTM01-010 = • 46 (CANCELBY) Or • 2 (DELIVERYREQUESTED) Or • 69 (ESTIMATEDDELIVERY) Or • 36 (EXPIRATION) Or • 149 (INVOICE) Or • 4 (PURCHASEORDER) Or • 318 (SHIPMENTREQUESTED) Or • 10 (SHIPPED) • 137 (DOCUMENT) Populate this 137 intance only if it has not populated from transactionDate.
dateValue	string	Date defined by referenced date type.	E1EDK03/DATUM	DTM02	DTM01-020
epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
timeZone	string	Time zone for referenced dates.	–	–	–
invoiceCurrency	array	Currency codes for invoice.	–	–	CUX
currencyCode	string	Currency code for pricing in price catalog.	E1EDK01/CURCY	CUR02	CUX01.2 when CUX01.1 = 2
exchangeRateCurrencyCode	string	Currency code for currency exchange.	–	–	–
exchangeRate	number	Exchange rate for conversion from currencyCode to currencyCodeExchange.	E1EDK01/WKURS	–	CUX03
validityDate	string	Validity date for exchange rate.	–	–	–
epochValidityDate	integer	Validity date for exchange rate generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
currenctyEntityCode	string	Currency entity code.	–	CUR01	–
remitToBusinessInformation		Remit to partner business information.	E1EDKA1 where PARVW = "RS"	N101 = "RI"	NAD01 = "RE"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address		Party address information.	–	–	–
address1	string	Main street address.	STRAS	N301	NAD050-010

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
address2	string	Supplemental street address.	STRS2	N302	NAD050-020
city	string	City	ORT01	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	REGIO	N402	NAD070-010
postalCode	string	Postal code	PSTLZ	N403	NAD080
country	string	Country code	LAND1	N404	NAD090
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation		Company contact information	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
mpcAdditionalAddressInformation		Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	BNAME	–	–
organizationCode	string	Code for organization responsible for generating the message.	PAORG	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	SPRAS	–	–
languageCode	string	ISO language code for message.	SPRAS_ISO	–	–
referenceIdentifier	string	Partner reference identifier.	IHREZ	–	–
customerBusinessInformation		Customer or buyer party business information.	E1EDKA1 where PARVW = "AG"	N101 = "BY"	NAD01 = "BY"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address		Party address information.	–	–	–
address1	string	Main street address.	STRAS	N301	NAD050-010
address2	string	Supplemental street address.	STRS2	N302	NAD050-020
city	string	City	ORT01	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	REGIO	N402	NAD070-010
postalCode	string	Postal code	PSTLZ	N403	NAD080
country	string	Country code	LAND1	N404	NAD090
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	BNAME	–	–
organizationCode	string	Code for organization responsible for generating the message.	PAORG	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	SPRAS	–	–
languageCode	string	ISO language code for message.	SPRAS_ISO	–	–
referenceIdentifier	string	Partner reference identifier.	IHREZ	–	–
billToBusinessInformation	–	Bill to party business information.	E1EDKA1 where PARVW = "RE"	N101 = "BT"	NAD01 = "BT"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN		N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	STRAS	N301	NAD050-010
address2	string	Supplemental street address.	STRS2	N302	NAD050-020
city	string	City	ORT01	N401	NAD060
district	string	District			
state	string	State or region code	REGIO	N402	NAD070-010
postalCode	string	Postal code	PSTLZ	N403	NAD080
country	string	Country code	LAND1	N404	NAD090
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	BNAME	–	–
organizationCode	string	Code for organization responsible for generating the message.	PAORG	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	SPRAS	–	–
languageCode	string	ISO language code for message.	SPRAS_ISO	–	–
referenceIdentifier	string	Partner reference identifier.	IHREZ	–	–
billToShipToBusinessInformation	–	Bill to party business information.	–	N101 = "BS"	NAD01 = "BS"
businessName	string	Business name for partner or location.	–	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	–	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	N301	NAD050-010
address2	string	Supplemental street address.	–	N302	NAD050-020
city	string	City	–	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	–	N402	NAD070-010
postalCode	string	Postal code	–	N403	NAD080
country	string	Country code	–	N404	NAD090
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number.	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
invoicePayerBusinessInformation	–	Payor party. The customer or party remitting the payment to the supplier.	E1EDKA1 where PARVW = "RG"	N101 = "PR"	NAD01 = "PR"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	N104	NAD020-010

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	STRAS	N301	NAD050-010
address2	string	Supplemental street address.	STRS2	N302	NAD050-020
city	string	City	ORT01	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	REGIO	N402	NAD070-010
postalCode	string	Postal code	PSTLZ	N403	NAD080
country	string	Country code	LAND1	N404	NAD090
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number.	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	BNAME	–	–
organizationCode	string	Code for organization responsible for generating the message.	PAORG	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	SPRAS	–	–
languageCode	string	ISO language code for message.	SPRAS_ISO	–	–
referenceIdentifier	string	Partner reference identifier.	IHREZ	–	–
supplerBusinessInformation	–	Supplier party business identifiers and address.	–	N101 = "SU"	NAD01 = "SU"
businessName	string	Business name for partner or location.	–	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner	–	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value	–	–	–
address	–	Party address information	–	–	–
address1	string	Main street address	–	N301	NAD050-010
address2	string	Supplemental street address	–	N302	NAD050-020
city	string	City	–	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	–	N402	NAD070-010
postalCode	string	Postal code	–	N403	NAD080
country	string	Country code	–	N404	NAD090
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number.	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
shipFromLocationInformation	–	Ship from party business location identifiers and address.	–	–	–
businessName	string	Business name for partner or location.	–	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	–	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	–
address2	string	Supplemental street address.	–	–	–
city	string	City	–	–	–
district	string	District	–	–	–
state	string	State or region code	–	–	–
postalCode	string	Postal code	–	–	–
country	string	Country code	–	–	–
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	–	–
contactName	string	Contact name	–	–	–
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	–	–
contactPhone	string	Contact phone number.	–	–	–
companyCodeBusinessInformation	–	Company code business information.	E1EDKA1 where PARVW = "BK"	–	–
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
address		Party address information.	–	–	–
address1	string	Main street address.	STRAS	–	–
address2	string	Supplemental street address.	STRS2	–	–
city	string	City.	ORT01	–	–
state	string	State or region code	REGIO	–	–
postalCode	string	Postal code	PSTLZ	–	–
country	string	Country code	LAND1	–	–
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	–	–
contactName	string	Contact name	–	–	–
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	–	–
contactPhone	string	Contact phone number.	–	–	–
shipToLocationInformation	–	Ship to party business location identifiers and address.	E1EDKA1 where PARVW = "WE"	N101 = "ST"	NAD01 = "ST"
businessName	string	Business name for partner or location.	E1EDKA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	STRAS	N301	NAD050-010
address2	string	Supplemental street address.	STRS2	N302	NAD050-020
city	string	City	ORT01	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	REGIO	N402	NAD070-010
postalCode	string	Postal code	PSTLZ	N403	NAD080
country	string	Country code	LAND1	N404	NAD090
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
storeNumberBusinessInformation	–	Store Number business location identifiers and address.	–	–	–
businessName	–	–	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	–	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	–
address2	string	Supplemental street address.	–	–	–
city	string	City	–	–	–
district	string	District	–	–	–
state	string	State or region code	–	–	–
postalCode	string	Postal code	–	–	–
country	string	Country code	–	–	–
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information	–	–	–
contactName	string	Contact name	–	–	–
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address	–	–	–
contactPhone	string	Contact phone number	–	–	–
siteLocationInformation	–	Site Location business information.	–	–	–
businessName	string	Business name for partner or location.	–	–	–
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	–	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	–
address2	string	Supplemental street address.	–	–	–
city	string	City	–	–	–
district	string	District	–	–	–
state	string	State or region code	–	–	–
postalCode	string	Postal code	–	–	–
country	string	Country code	–	–	–
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactName	string	Contact name	–	–	–
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	–	–
contactPhone	string	Contact phone number.	–	–	–
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	–	–	–
organizationCode	string	Code for organization responsible for generating the message.	–	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	–	–	–
languageCode	string	ISO language code for message.	–	–	–
referenceIdentifier	string	Partner reference identifier.	–	–	–
soldToBusinessInformation	–	Sold to party business identifiers and address.	–	N101 = "SO"	NAD01 = "SO"
businessName	string	Business name for partner or location.	–	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	N103 X12 codes for N103: • DUNS - 1 • DUNS4 - 9 • DEA - 11 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92 • US_340B_ID - PI PHARMACY_PROCESSOR_ • NUMBER - PP • GLN - UL	NAD020-030 EDIFACT supported codes: • DUNS - 16 • DEA - 164 • HIN - 21 • COMPANYID - 91 • COMPANYSITEID - 92
companyIdentifierValue	string	Company identifier value for business partner.	–	N104	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	N301	NAD050-010
address2	string	Supplemental street address.	–	N302	NAD050-020
city	string	City	–	N401	NAD060
district	string	District	–	–	–
state	string	State or region code	–	N402	NAD070-010
postalCode	string	Postal code	–	N403	NAD080
country	string	Country code	–	N404	NAD090
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building	–	–	–
lscAddressIdentifier	string	LSC address identifier	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	–	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	Hard code PER01 to "AJ" primary contact	Hard code CTA010 to "RP" responsible person
contactName	string	Contact name	–	PER02	CTA020-020
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	PER04 where PER03 = "TE"	COM010-010 where COM010-020 = "TE"
contactPhone	string	Contact phone number.	–	PER06 where PER05 = "EM"	COM010-010 where COM010-020 = "EM"
invoiceOrganization	array	Organization identifiers sent from trading partner's ERP system.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
organizationType	string	Organization type. Valid values includes: • SALESORG • DISTRIBUTIONCHANNEL • DIVISION • COMPANYCODE • SALESGROUP • SALESOFFICE • PROFITCENTER • PURCHASINGGROUP • PURCHASINGORGANIZATION	E1EDK14/QUALF = • 006 (DIVISION) or • 007 (DISTRIBUTIONCHANNEL) or • 008 (SALESORG) or • 009 (PURCHASINGGROUP) or • 010 (SALESGROUP) or • 011 (COMPANYCODE) or • 014 (PURCHASINGORGANIZATION) or • 016 (SALESOFFICE)	–	–
organizationValue	string	Organization identifier value.	E1EDK14/ORGID	–	–
termsOfPayment	array	Terms of payment looping group.	E1EDK18	–	PYT
termsOfPaymentKey	string	Terms of payment.	E1EDK18/QUALF = • 001 or • 002 or • 005	–	–
termsOfPaymentTypeCode	string	Code identifying type of payment terms. Valid values: • BASIC • DEFERRED • DISCOUNTNOTAPPLICABLE • ENDOFMONTH EXTENDED • FIXEDDATE • MIXED • PREVIOUSLYAGREED • PROXIMO • SELLER	–	ITD01 = • 01 (BASIC) or • 04 (DEFERRED) or • 05 (DISCOUNTNOTAPPLICABLE) or • 02 (ENDOFMONTH) or • 07 (EXTENDED) or • 03 (FIXEDDATE) or • 06 (MIXED) or • 14 (PREVIOUSLYAGREED) or • 15 (PROXIMO) or • 13 (SELLER) or	PYT010 = • 1 (BASIC) or • 4 (DEFERRED) or • 5 (DISCOUNTNOTAPPLICABLE) or • 2 (ENDOFMONTH) or • 7 (EXTENDED) or • 6 (MIXED) or • 18 (PREVIOUSLYAGREED) or • 9 (PROXIMO) or • 13 (SELLER)
termsOfPaymentDateBasis	string	Code identifying the beginning of the terms period. Valid values: • DELIVERYDATE - Delivery date • EFFECTIVEDATE - Effective date • INVOICEDATE - Invoice date • INVOICERECEIPTDATE - Invoice receipt date • PURCHASEORDERDATE - Purchase order date • SHIPDATE - Shipping date • GOODSRECEIPTDATE - Goods Receipt Date	–	ITD02 = • 1 (SHIPDATE) or • 2 (DELIVERYDATE) or • 3 (INVOICEDATE) or • 5 (INVOICERECEIPTDATE) or • 7 (EFFECTIVEDATE) or • 09 (PURCHASEORDERDATE) or • 15 (GOODSRECEIPTDATE)	–
numberOfDays	string	Terms of payment: number of days.	E1EDK18/TAGE	ITD07	–
discountDueNumberOfDays	number	Terms Discount Days Due. Number of days in the terms discount period by which payment is due if terms discount is earned.	–	ITD05	–
termsOfPaymentPercent	string	Terms of payment: percentage.	E1EDK18/PRZNT	ITD03	PYT/PCD/PCD010-020 when PCD010-010 = 122
invoicePayablePercent	string	Percentage of invoice payable.	–	ITD11	–
discountDueDate	string	Discount due date in string date format YYYY-MM-DD.	–	ITD04	–
epochDiscountDueDate	integer	Discount due date in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
paymentDueDate	string	Due date for payment.	–	ITD06	–
paymentDeferredToDate	string	Date deferred payment or percent of invoice payable is due.	–	ITD09	–
epochPaymentDueDate	integer	Due date for payment generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
epochPaymentDeferredToDate	integer	Date deferred payment or percent of invoice payable is due generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
paymentDeferredDueAmount	string	Deferred amount due for payment.	–	ITD10	–
description	string	Terms of payment description.	E1EDK18/ZTERM_TXT	ITD12	PYT020-040

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
totalTermDiscountAmount	integer	Terms of payment discount amount. Total amount of terms discount.	–	–	–
dayOfMonth	integer	The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	–	ITD13	–
creditsAndCharges	array	Credits and charges on invoice including invoice total, discounts, allowances, promotions, services, and others.	–	segment loop 2030 SAC in loop 1600 CDD	–
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values: • ALLOWANCE • CHARGE • PROMOTION • REQUESTALLOWANCE	–	SAC01 = • A (ALLOWANCE) or • C (CHARGE) or • N (NONE) or • R (REQUESTALLOWANCE)	–
creditChargeType	string	Code representing type of credit or charge.	–	SAC02 Refer enum link for X12 values	–
creditChargeAmount	string	Total amount for the payment.	–	SAC05	–
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	–	–	–
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	–	SAC07	–
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	–	SAC06	–
creditChargeCurrencyCode	string	Currency code for credit or charge.	–	–	–
creditChargeHandlingCode		Method of handling for discount or charge. Valid values: • ADVANCE • CANCELALLOWANCE • COLLECT • CREDITCUSTOMER • GROSSINVOICED • INFORMATION • PREPAID • RESELLERALLOWANCE • VENDORPAID	–	SAC12 Refer enumeration link for X12 values	–
description	string	Description of credit or charge.	–	SAC15	–
unitPriceAmount	string	Unit price amount.	–	–	–
unitPriceBasisQuantity	string	Quantity basis for the unit price.	–	–	–
itemQuantity	string	Item quantity.	–	–	–
unitOfMeasure	string	Base unit of measure or UOM for quantity of item in pack. • CA - Case • CP - Crate • CT - Carton • DS - Display • DZ - Dozen • EA - Each • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit	–	–	–
baseValue	string	–	–	–	–
creditChargeConditionType	string	Credit charge condition type.	–	–	–
taxes	array	Tax information and amounts. Header level. Tax amounts reported at header reflect totals for invoice.	E1EDK04	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
taxType	string	Type of tax recorded. List can be extended as required. Valid value: • VAT • HARMONIZEDSALES • FEDERALEXCISE • STATESALES • PROVINCIALSALES • CITYSALES • COUNTYSALES • GOODSANDSERVICES • CUSTOMSDUTY • SURTAX • STATEEXCISE	–	TXI01 = • CS (CITYSALES) Or • CT (COUNTYSALES) Or • CG (CUSTOMSDUTY) Or • FD (FEDERALEXCISE) Or • GS (GOODSANDSERVICES) Or • BE (HARMONIZEDSALES) Or • PG (PROVINCIALSALES) Or • ST (STATESALES) Or • AB (SURTAX) Or • VA (VAT) or • SE (STATEEXCISE)	TAX020-010 = • LOC (CITYSALES) Or • NA (COUNTYSALES) Or • IMP (CUSTOMSDUTY) Or • NA (FEDERALEXCISE) Or • TOT (GOODSANDSERVICES) Or • NA (HARMONIZEDSALES) Or • NA (PROVINCIALSALES) Or • STT (STATESALES) Or • OTH (SURTAX) Or • VAT (VAT) when TAX01 = 7 in OB map taxType to target only if vatIndicator is missing
country	string	Country for which taxes are recorded.	–	–	–
taxRegistration	string	Tax registration number.	–	–	–
taxJurisdictionCode	string	Tax jurisdiction code.	–	TXI05	–
taxJurisdictionProvenance	string	It identifies the source of the data used in tax jurisdiction code.	–	TXI04	–
taxExemptCode	string	Tax exempt code.	–	TXI06	–
taxAmount	string	Total amount of tax in invoice.	E1EDK04/MWSBT	TXI02	TAX/MOA/MOA010-020 when MOA010-010 = 124
taxCurrencyCode	string	Currency for taxes.	–	–	–
taxPercent	string	Tax rate in percent.	–	–	–
taxRate	string	Amount used for calculation of tax.	E1EDK04/MSATZ	–	TAX/TAX050-040
vatIndicator	string	VAT indicator.	E1EDK04/MWSKZ	–	TAX020-010 (only for OB map)
bankInfo	array	Bank information.	E1EDK28/	–	–
country	string	Bank country code.	E1EDK28/BCOUN	–	–
city	string	City where bank is located.	E1EDK28/BALOC	–	–
bankIdentifier	string	Bank identifier code.	E1EDK28/BRNUM	–	–
bankName	string	Name of bank.	E1EDK28/BNAME	–	–
accountNumber	string	Bank account number.	E1EDK28/ACNUM	–	–
accountHolderName	string	Name of bank account holder.	E1EDK28/ACNAM	–	–
internationalBankAccountNumber	string	International Bank Account Number (IBAN).	E1EDK28/BIBAN	–	–
deliveryTerms	array	Terms of delivery, transport or inco terms looping group.	E1EDK17	–	–
description	string	Description for inco term.	E1EDK17/LKTEXT	–	–
deliveryTermsConditionCode	string	Delivery Terms condition code.	E1EDK17 / LKOND	–	–
deliveryChargePaymentMethodType	string	Method of payment for delivery. Valid values: • ADVANCECOLLECT • ADVANCEPREPAID • BUYER • BUYERSELLERDEFINED • COLLECT • COLLECTDELIVERY • COSTFREIGHT • MIXED • NOCHARGESERVICEFREIGHT • PICKUP • PREPAIDCUSTOMER • PREPAIDONLY • PREPAIDSELLER • SELLER	–	–	–
fobTransferLocation	string	Code specifying the type of location at which the risk of loss for the shipment transfers. Valid values: • CITY • PLANT • SHIPPINGDESTINATION • SHIPPINGORIGIN	–	–	–
deliveryTermsCode	string	Delivery terms condition code. Valid values include: • INCO1 = INCOTERMS part 1 • INCO2 = INCOTERMS part 2	E1EDK17/QUALF	–	–
invoiceWeight	array	Order weight at invoice header level	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
weightType	string	Type of weight recorded. Valid value is GROSSWEIGHT - NETWEIGHT Note: weight measurement in X12 and EDIFACT at header level within general measurement qualifiers.	-	-	-
weightValue	Number	Weight of product at invoice header level.	E1EDK01/NTGEW if weightType =NETWEIGHT E1EDK01/BRGEW if weightType =GROSSWEIGHT	-	-
unitOfMeasure	string	Weight unit of measure in master data for product.	E1EDK01/GEWEI	-	-
foreignTradeHeaderInformation	array	Foreign trade header information.	E1EDK29	-	-
foreignTradeIdentifier	string	Foreign trade identifier.	E1EDK29/EXNUM	-	-
exportDepartureCountryCode	string	Country code for country of departure for export.	E1EDK29/ALAND	-	-
exportAlternateDepartureCountryCode	string	Alternate country code for country of departure for export.	E1EDK29/ALANA	-	-
exportDepartureCountryDescription	string	Full name description of export country.	E1EDK29/ALANX	-	-
foreignTradeTransportMode	string	Mode of transport for foreign trade.	E1EDK29/EXPVZ	-	-
foreignTradeTransportModeDescription	string	Description of mode of transport for foreign trade.	E1EDK29/EXPVZTX	-	-
foreignTradeCustomsEntryExitOfficeCode	string	Office code for customs entry/exit office for foreign trade.	E1EDK29/ZOLLA	-	-
foreignTradeCustomsEntryExitOfficeDescription	string	Description of customs entry/exit office for foreign trade.	E1EDK29/ZOLLATX	-	-
foreignTradeCurrency	string	Currency for foreign trade.	E1EDK29/GRWCU	-	-
importingCountryCode	string	Country code for importing country.	E1EDK29/LAND1	-	-
importingCountryName	string	Full name of importing country.	E1EDK29/LANDX	-	-
importingAlternateCountryCode	string	Alternate country code for importing country.	E1EDK29/LANDA	-	-
soldtoPartyAlternateCountryCode	string	Alternate country code for sold to party.	E1EDK29/ALSCH	-	-
freeTradeAreaCode	string	Free trade area for legal control identifier for importing country. Valid values: • ASEAN - 1 • EFTA - 2 • NAFTA - 3 • MERCOSUR - 4	E1EDK29/FREIH = • 1 (ASEAN) or • 2 (EFTA) or • 3 (NAFTA) or • 4 (MERCOSUR)	-	-
freeTradeAreaDescription	string	Description of free trade area code	E1EDK29/FREIHTX	-	-
countryCodeForJapanCustomsDeclaration	string	Country code for Japan customs declaration	E1EDK29/JAP05	-	-
countryDirectoryCurrencyCode	string	Country directory currency code	E1EDK29/ALSRE	-	-
domesticModeOfTransport	string	Domestic mode of transport	E1EDK29/IEVER	-	-
domesticModeOfTransportDescription	string	Description of domestic mode of transport	E1EDK29/IEVER_TX	-	-
exportCustomsOfficeCode	string	Export customs office code	E1EDK29/AZOLL	-	-
exportCustomsOfficeDescription	string	Description for export customs office	E1EDK29/AZOLLTX	-	-
associationForForeignTradeIndicator	string	Indicator identifying association for Foreign Trade. Mapping whatever we find. Values may include: • 1 - Seller and buyer are associated - price is not influenced • 2 - Seller and buyer are associated - price is influenced Not populated or • 0- Seller and buyer are not associated	E1EDK29/FTVBD	-	-
invoiceCarrierInformation		Invoice related carrier information	-	-	-
carrierCode	string	Carrier code for shipper	-	CAD04	-
equipmentPrefix	string	Prefix or alphabetic part of an equipment unit's identifying number.	-	-	-
equipmentIdentifier	string	Sequencing or serial part of an equipment unit's identifying number.	-	-	-
transportMethod	string	Transport method type. Valid values include: • TRUCK - Truck • RAIL - Shipped by train • SEA - By sea • AIR - By air • LTL - Less than truckload • AIREXPRESS - Air express • CONTAINERSEA - Container by ship • SUPPLIERTRUCK - Supplier truck	-	-	-
routingDescription	string	Routing Description.	-	CAD05	-
orderStatusCode	string	Order or shipment status code.	-	-	-
transactionReferenceIdentifiers	array	Transaction references for invoice carrier at header level.	-	-	-

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
b2bTransactionIdentifierType	string	Referenced document type. Valid values include: • BOL - Bill of Lading Number • CARRIERREFERENCE - Carrier reference number	–	–	–
b2bTransactionIdentifierValue	string	Reference order identifier value for invoice identified by transactionReferenceIdentifierType.	–	CAD08 when b2bTransactionIdentifierType = BOL	–
lineItemNumber	string	Line item number in transaction reference. Line item level only.	–	–	–
transactionDate	string	Date transaction created.	–	–	–
epochTransactionDate	integer	Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
invoiceShipmentSummary	array	Shipment details into Invoice.	–	–	–
quantityType	string	Type of quantity recorded. Valid value is UNIT.	–	–	–
quantityValue	string	Quantity of product at delivery header level.	–	ISS01, when quantityType = UNIT	–
quantityUOM	string	Quantity unit of measure in master data for product.	–	ISS02	–
weightType	string	Type of weight recorded in shipment. Valid values include: • GROSSWEIGHT • NETWEIGHT • BILLED - Billed weight • LEGAL - Legal weight • EXCESS - Excel weight over maximum • SHIPPER - Shipper's weight • AVERAGE - Average weight • FREIGHT - Freight weight	–	–	–
weightValue	string	Weight of product at delivery header level	–	ISS03	–
weightUOM	string	Weight unit of measure in master data for product. Valid values • LB • KG	–	ISS04	–
volumeType	string	Type of weight recorded. Valid values include: • CONTAINER - Volume of container • CUBICCENTIMETERS - Cubic centimeters • CUBICFEET - Cubic feet • CUBICINCHES - Cubic inches • CUBICMETERS - Cubic meters • GALLONS - Gallons • LITER - Liter • LOADING - Total volume of load	–	–	–
volumeValue	Number	Volume for delivery.	–	ISS05	–
volumeUOM	string	Volume unit of measure.	–	ISS06	–
freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	–	–	–
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	E1EDKT1/TDID	–	–
textFunctionCode	string	Text function code. Will map whatever is found.	E1EDKT1/DOBJECT	–	–
language	string	Language key for message.	E1EDKT1/TSSPRAS	–	–
languageCode	string	ISO language code for message.	E1EDKT1/TSSPRAS_ISO	–	–
textFormatCode	string	Format code for free text.	E1EDKT2/TDFORMAT	–	–
freeText	string, array	Free text array.	E1EDKT2/TDLINE	–	–
canonicalInvoiceItemDetails	array	Invoice items details.	–	–	–
lineItemNumber	number	Line item number.	E1EDP01/POSEX	IT101	LIN01
itemFunctionCode	string	Item level function for invoice message.	–	–	–
itemCategory	string	Item category sent by partner's ERP system.	E1EDP01/PSTYV	–	–
packingUnits	number	Number of packing units at line item.	–	PO401	–
innerPackCount	String	Inner Pack count within a container.	–	PO414	–
plantIdentifier	string	Plant identifier.	E1EDP01 / WERKS	–	–
shipToAccountIdentifier	string	Ship to Account identifier.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
conversionFactor	string	Conversation factor from one of unit of measurement into another unit of measurement.	–	–	–
deliveryType	string	Delivery Type.	–	–	–
isQuantityReturnToStock	string	For qty return stock (Y= qty return to stock, N= no qty return to stock).	–	–	–
stockMovementIndicator	boolean	Indicator identifying movement of stock. Values may include: • 1 - Return Order • 0 - Not return Order	–	–	–
isSoldToCustomer	boolean	To identify if stocks are sold to customer. Values may include: • True - Sold to customer • False - Not sold to customer	–	–	–
supplierBillOfMaterialsIdentifier	string	Vendor's bills of materials identifier.	–	–	–
clientBillOfMaterialsIdentifier	string	Customer bills of materials identifier.	–	–	–
purchaseOrderType	string	Type of purchase order, against which INVOICE is created.	–	–	–
reasonCode	string	Type of reason code.	–	–	–
locationIdentifier	string	Location identifier.	–	–	–
vendorOrderType	string	Type of vendor order, against which INVOICE is created.	–	–	–
deliveredProductCode	string	Product code delivered.	–	–	–
laboratoryProductCode	string	Laboratory product code.	–	–	–
marketReference	string	Market reference for a region to verify the invoic and cost into that reason.	–	–	–
groupCode	string	Market Group code.	–	–	–
groupName	string	Market Group Name.	–	–	–
salesType	string	Sales Type.	–	–	–
invoiceOrganization	array	Organization identifiers sent from trading partner's ERP system.	–	–	–
organizationType	string	Organization type. Valid values includes: • SALESAREA • SALESORG • DISTRIBUTIONCHANNEL • SALESGROUP • SALESOFFICE • PROFITCENTER • PURCHASINGGROUP • PURCHASINGORGANIZATION	–	–	–
organizationValue	string	Organization identifier value.	–	–	–
productCodesIdentifiers	array	Internal material identifier in the backend/ERP systems for the product. In the delivery this will be the supplier, although the customer and other identifiers may also be present.	–	–	–
productCodes	–	Internal material identifier in the backend/ERP systems for the product. In the delivery this will be the supplier, although the customer and other identifiers may also be present.	E1EDP01/E1EDP19	if lotNumber present and multiple productCodesIdentifiers are present, start mapping first productCodesIdentifiers to IT108/09, and continue map next set productCodesIdentifier to consecutive set of IT1 Product/Service ID andProduct/Service ID Qualifier	
productCodeType	string	Code to qualify product identifier type. Some valid product types include: • BUYERITEM • CUSTOMER • GTIN14 • MANUFACTURERPART • UPC • VENDOR • VENDORPART	E1EDP19/QUALF = • 001 (CUSTOMER) or • 002 (VENDOR) or • 003 (GTIN14) or • 004 (MANUFACTURER) Note - One of these required	IT106 or IT108	LIN030-020 = • ON (CUSTOMER) or • VN (VENDOR) or • SA (GTIN14) • MF (MANUFACTURER) Note - One of these required
productCodeValue	string	Product code identifier value.	E1EDP19/IDTNR	IT107 or IT109	LIN030-010
productItemCodeType	string	Product item code type.	–	–	–
productItemInformation	array	Regulatory product description list. Defined as array to enable descriptions in multiple languages.	–	–	–
productLanguageCode	string	Language for product description.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
productName	string	Name of product.	E1EDP19/KTEXT	IT1/PID05	–
genericName	string	Generic name for product.	–	–	–
productDescription	string	Description of the product defined by the current product identifier.	–	IT1/PID05	LIN/IMD/IMD030-040 when IMD010 = F
lotNumber	string	Lot or batch identifier (customer).	–	IT107 when IT106 = LT	LIN/PIA/PIA020-010 when PIA020-020 = BB
expirationDate	string	Expiration date for lot in string date format YYYYMMDD.	–	IT1/DTM02when DTM01 = 208	LIN/DTM010-020 when DTM010-010 = 36
epochExpirationDate	integer	Expiration date for lot generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
additionalItemInformation	array	Additional item information including status of units shipped.	–	–	–
numberOfUnitsShipped	number	Number of units shipped.	–	IT1/IT301	–
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • CA - Case • CP- Crate • CT- Carton • DS - Display • DZ - Dozen • EA - Each • PC - Piece • PF - Pallet • PK - Package • T3 - Thousand Pieces • TH - Thousand • TY - Tray • UN - Unit	–	IT1/IT302 Refer enum link for X12 values	–
statusCodeForShipmentOrOrder	string	Status code for the order or shipment. X12 pass thru. Enumerations may be added later.	–	IT1/IT303	–
quantityDifference	number	Numeric value of variance between ordered and shipped quantities.	–	IT1/IT304	–
agencyCode	String	Agency defines the codes for item / products.	–	IT1/PID03	–
productDescriptionType	String	Item / Product description code type.	–	IT1/PID04	–
itemQuantity	array	Order quantity at line item level.	–		–
quantityType	string	Type of quantity recorded. Valid value: • INVOICE • ORDER • ITEM	–	–	LIN/QTY010-010 Refer enum link for EDIFACT values
quantityValue	number	Quantity of product in delivery.	E1EDP01/MENGE when quantityType = "INVOICE"	IT102 when quantityType = "INVOICE"	LIN/QTY010-020
unitOfMeasure	string	Unit of measure for quantity value.	E1EDP01/MENEE when quantityType = "INVOICE"	IT103 when quantityType = "INVOICE"	LIN/QTY010-030
destinationLocationQuantity	array	Records quantity invoiced by location details. Typically used to report invoiced quantity at multiple locations. For example, Walmart or CVS may report quantity for the invoiced item at multiple store locations. Corresponds to X12 SDQ segment.	–	–	–
unitOfMeasure	string	Unit of measure for destination location quantity.	–	–	–
companyIdentifierType	string	Identifier type for quantity destination location.	–	–	–
locationQuantitySequence01	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence02	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence03	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
locationQuantitySequence04	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence05	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence06	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence07	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence08	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
locationQuantitySequence09	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line	–	–	–
locationQuantitySequence10	–	Location quantity sequence identifying location and quantity sent to that location.	–	–	–
locationIdentifier	string	This quantity is the sum of all quantity per location and per line.	–	–	–
destinationQuantity	Number	This quantity is the sum of all quantity per location and per line.	–	–	–
invoicePricing	array	Invoice price amounts for item.	–	–	–
pricingType	string	Pricing type for invoice item. Valid pricing types include: • AVERAGE • UNIT • NET • STANDARD • WHOLESALE • GROSS • INVOICE • EXTENDED • QUALIFYFORDISCOUNT • STATISTICALVALUE • SUBTOTAL1 • SUBTOTAL2 • SUBTOTAL3 • INFORMATION	E1EDP26/QUALF = • 001 (GROSS) or • 002 (NET) or • 004 (QUALIFYFORDISCOUNT) or • 009 (STATISTICALVALUE) or • 010 (SUBTOTAL1) or • 011 (SUBTOTAL2) or • 012 (SUBTOTAL3)	IT105 = • AW (AVERAGE) Or • PE (UNIT) Or • NT (NET) Or • ST (STANDARD) Or • WE (WHOLESALE)	PRI010-010 = • AAD (AVERAGE) Or • AAF (EXTENDED) Or • AAB (GROSS) Or • INF (INFORMATION) Or • INV (INVOICE) Or • INF(UNIT) Or • AAA (NET)
pricingAmount	string	Pricing amount for pricing type defined by pricing type enumeration.	E1EDP26/VPREI	IT104	PRI010-020
currencyCode	string	Currency for pricing amount.	–	–	–
priceUOM	string	Unit of measure used for pricing at the order line item level.	–	–	–
unitPriceBasisQuantity	string	Quantity basis of unit price, ie, if unit price per one item, the basis is 1. If unit price based on 12, the basis is 12.	–	–	–
altUOMDenominator	string	Denominator is used to convert from an alternate unit of measure, ie KG, to a base unit of measure, ie EA. The denominator is the number of units of the alternative UOM (KG) that corresponds to the number of units of the base UOM (EA). If 5 KG = 3 EA, 1 KG = 3/5 EA. 5 is the denominator. In most cases, this value will be 1.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
altUOMNumerator	string	Numerator is used to convert from an alternate unit of measure, ie, KG to a base unit of measure, ie, EA. The numerator is the number of units of the base UOM (EA) that corresponds to the number of units of the alternative UOM (KG). If 5 KG = 3 EA, 1 KG = 3/5 EA. 3 is the numerator. In most cases, this value will be 1.	–	–	–
numberOfUnitsInPriceUOM	number	Number of units of measure on which the price is based, ie, 10 liters of oil cost $12.00. The price unit is 10.	–	–	–
totalStockValue	number	Total pricing amount for that line item	–	–	–
isCreditorDebit	boolean	Credit or debit boolean. Only populated if identified. HDA optional value. Valid values: • `True` - Credit • `False` - Debit Not populated (default)	–	–	–
creditsAndCharges	array	Credits and charges on invoice including invoice total, discounts, allowances, promotions, services, and others	–	–	–
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values include: • `ALLOWANCE` • `CHARGE` • `PROMOTION` • `INCREASE` • `DECREASE` • `NONE` • `ADDITIONALALLOWANCES` • `REQUESTALLOWANCE`	E1EDP05/ALCKZ = • + (INCREASE) or • - (DECREASE)	IT1/SAC01 = • A (ALLOWANCE) or • C (CHARGE) or • N (NONE) or • R (REQUESTALLOWANCE)	LIN/ALC010 = • J (ADJUSTMENT) Or • D (ADVANCEALLOWANCE) Or • C (BOLCHARGE) Or • D (ADVANCEALLOWANCE) Or • Q (DISCOUNT) Or • X (MAXIMUMCHARGE)
creditChargeType	string	Code representing type of credit or charge	–	IT1/SAC02 Refer enum link for X12 values	–
creditChargeSubType	string	Code representing sub type of credit or charge	–	–	–
creditChargeAmount	string	Total amount for the payment	E1EDP05/BETRG	IT1/SAC05	LIN/ALC020-010
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge	–	–	–
discountQualifyingLeadTimeType	string	Discount Qualifying lead time to define the number of days within which discount or any other allowances are applicable. Valid values are: • `DAYS` - Additional discount, if paid within mentioned number of days • `WEEKS` - Additional discount, if paid within mentioned number of weeks • `MONTH` - Additional discount, if paid within mentioned number of months	–	–	–
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	–	IT1/SAC07	
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	–	IT1/SAC06	
creditChargeCurrencyCode	string	Currency code for credit or charge.	E1EDP05/KOEIN	–	–
creditChargeHandlingCode	–	Method of handling for discount or charge. Valid values include: • `ADVANCE` • `CANCELALLOWANCE` • `COLLECT` • `CREDITCUSTOMER` • `GROSSINVOICED` • `INFORMATION` • `PREPAID` • `RESELLERALLOWANCE` • `VENDORPAID`	–	IT1/SAC12 Refer enumeration link for X12 values	–
description	string	Description of credit or charge.	E1EDP05/KOTXT	IT1/SAC15	
unitPriceAmount	string	Unit price amount.	E1EDP05/KRATE	–	–
unitPriceBasisQuantity	string	Unit price basis quantity.	E1EDP05/UPRBS	–	–
itemQuantity	string	Quantity of product for credits or charges.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
unitOfMeasure	string	Unit of measure for item quantity.	E1EDP05/MEAUN	–	–
baseValue	string	Base value for credit or charge.	E1EDP05/KOBAS	–	–
creditChargeConditionType	string	Credit charge condition type.	–	–	–
taxes	array	Tax information and amounts. Header level. Tax amounts reported at line item level reflect totals for line item quantity only.	E1EDP04	–	–
taxType	string	Type of tax recorded. List can be extended as required. Valid value: • VAT • HARMONIZEDSALES • FEDERALEXCISE • STATESALES • PROVINCIALSALES • CITYSALES • COUNTYSALES • GOODSANDSERVICES • CUSTOMSDUTY • SURTAX • STATEEXCISE	–	IT1/TXI01 = • CS (CITYSALES) Or • CT (COUNTYSALES) Or • CG (CUSTOMSDUTY) Or • FD (FEDERALEXCISE) Or • GS (GOODSANDSERVICES) Or • BE (HARMONIZEDSALES) Or • PG (PROVINCIALSALES) Or • ST (STATESALES) Or • AB (SURTAX) Or • VA (VAT) or • SE (STATEEXCISE)	TAX020-010 = • LOC (CITYSALES) Or • NA (COUNTYSALES) Or • IMP (CUSTOMSDUTY) Or • NA (FEDERALEXCISE) Or • TOT (GOODSANDSERVICES) Or • NA (HARMONIZEDSALES) Or • NA (PROVINCIALSALES) Or • STT (STATESALES) Or • OTH (SURTAX) Or • VAT (VAT) when TAX01 = 7 in OB map taxType to target only if vatIndicator is missing
country	string	Country for which taxes are recorded.	–	–	–
taxRegistration	string	Tax registration number.	–	–	–
taxJurisdictionCode	string	Tax jurisdiction code.	–	IT1/TXI05	–
taxJurisdictionProvenance	string	It identifies the source of the data used in tax jurisdiction code.	–	IT1/TXI04	–
taxExemptCode	string	Tax exempt code.	–	IT1/TXI06	–
taxAmount	string	Total amount of tax in invoice.	E1EDP04/MWSBT	IT1/TXI02	TAX/MOA/MOA010-020 when MOA010-010 = 124
taxCurrencyCode	string	Currency for taxes.	–	–	–
taxPercent	string	Tax rate in percent.	–	–	–
taxRate	string	Amount used for calculation of tax.	E1EDP04/MSATZ	–	TAX/TAX050-040
vatIndicator	string	VAT indicator.	E1EDP04/MWSKZ	–	TAX020-010 (only for OB map)
additionalTaxRate	string	Additional Tax rate.	–	–	–
vatPercentage	string	VAT percentage.	–	–	–
itemWeight	array	Order weight at invoice item level.	–	–	–
weightType	string	Type of weight recorded. Valid values include: • GROSSWEIGHT • NETWEIGHT	–	–	–
weightValue	number	Weight of product at invoice item level.	E1EDP01/NTGEW when weightType = NETWEIGHT E1EDP01/BRGEW when weightType = GROSSWEIGHT	–	–
unitOfMeasure	string	Unit of measure used for item weight at invoice line item level.	E1EDP01/GEWEI	–	–
transactionReferenceIdentifierList	array	Transaction references for deliveries at header level.	–	–	–
b2bTransactionIdentifierType	string	Referenced document type. Valid values include: • INVOICE • PURCHASEORDER • SUPPLIERORDER • DELIVERY • ASSIGNMENT • PRECEDINGDOCUMENT • BILLINGREFERENCE • CONTRACT • CUSTOMERCONTRACT • DOCUMENT • RELEASE • SUPPLIERCONTRACT	E1EDP02/QUALF = • 009 (INVOICE) or • 001 (PURCHAEORDER) or • 002 (SUPPLYORDER) or • 012 (DELIVERY) • 017 (ASSIGNMENT) • 016 (PRECEDINGDOCUMENT) • 087 (BILLINGREFERENCE)	–	LIN/REF010-010 = • CT (CONTRACT) Or • BC (CUSTOMERCONTRACT) Or • DM (DOCUMENT) Or • DQ(DELIVERY) Or • IV (INVOICE) Or • ON (PURCHASEORDER) Or • RE (RELEASE) Or • VC (SUPPLIERCONTRACT) Or • VN (SUPPLIERORDER)
b2bTransactionIdentifierValue	string	Reference order identifier value for Dispatch advice transaction type identified by transactionReferenceIdentifierType	E1EDP02/BELNR		LIN/REF020-010
transactionDate	string	Date transaction created	–	–	–
epochTransactionDate	integer	Date transaction created in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	E1EDP02/DATUM and UZEIT	–	–
lineItemNumber	string	Line item number in transaction reference. Line item level only.	E1EDP02/ZEILE	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
invoiceDates	array	Invoice reference dates at line item level.	–	–	–
dateType	string	referenced date type. Valid values include: • SHIPPED • DELIVERY • BILLING • DUEDATE • DOCUMENT • INVOICE • PRICING • MESSAGE • PURCHASEORDER • FIXEDVALUE • SUPPLIERORDER • CREATEDON • SERVICESRENDERED • PO_RECEIVED • EXPIRATION • ESTIMATEDDELIVERY • DELIVERYREQUESTED • CANCELBY • SHIPMENTREQUESTED	E1EDP03/IDDAT = • 001 (DELIVERY) or • 011 (MESSAGE) or • 012 (DOCUMENT) or • 022 (PURCHASEORDER) or • 023 (PRICING) or • 024 (FIXEDVALUE) or • 026 (BILLING) or • 028 (DUEDATE) or • 029 (SUPPLIERORDER) or • 025 (CREATEDON) or • 027 (SERVICESRENDERED)	IT1/DTM01 = • CANCELBY (177) or • DELIVERYREQUESTED (002) or • ESTIMATEDDELIVERY (017) or • EXPIRATION (036) or • INVOICE (003) or • PO_RECEIVED (008) or • DOCMENT (102) or • PURCHASEORDER (004) or • SHIPMENTREQUESTED (010) or SHIPPED (011)	DTM01-010 = • 46 (CANCELBY) Or • 2 (DELIVERYREQUESTED) Or • 69 (ESTIMATEDDELIVERY) Or • 36 (EXPIRATION) Or • 149 (INVOICE) Or • 4 (PURCHASEORDER) Or • 318 (SHIPMENTREQUESTED) Or • 10 (SHIPPED)
dateValue	string	Date defined by referenced date type.	E1EDP03/DATUM	IT1/DTM02	DTM01-020
epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
timeZone	string	Time zone for referenced dates.	E1EDP03/UZEIT	IT1/DTM03	–
accountAssignmentForInvoice	array	Account assignment for invoice.	E1EDP30	–	–
accountAssignmentType	string	Account assignment type. Valid values: • COSTCENTER • PROFITCENTER • WBSOBJECT • PROFITABILITYSEGMENT • BUSINESSAREA • PURCHASINGGROUP	E1EDP30/QUALF = • 045 (COSTCENTER) or • 048 (PROFITCENTER) or • 047 (WBSOBJECT) or • 046 (PROFITABILITYSEGMENT) or • 049 (BUSINESSAREA) or • 057 (PURCHASINGGROUP)	–	–
accountIdentifier	string	Account identifier value defined by account assignment type.	E1EDP30/IVKON	–	–
foreignTradeItemDetailsInformation	array	Foreign trade item details information.	E1EDP28	–	–
foreignTradeIdentifier	string	Foreign trade identifier.	E1EDP28/EXNUM	–	–
foreignTradeLineItemNumber	string	Line item number for foreign trade info.	E1EDP28/EXPOS	–	–
exportImportProcedureCode	string	Export/import procedure code.	E1EDP28/EXPRF	–	–
exportImportAlternateProcedureCode	string	Alternate export/import procedure code.	E1EDP28/VERFA	–	–
exportImportProcedureDescription	string	Description of export/import procedure.	E1EDP28/EXPRF_TX	–	–
foreignTradeBusinessTransactionType	string	Foreign trade business transaction type.	E1EDP28/EXART	–	–
foreignTradeBusinessTransactionDescription	string	Description of foreign trade business transaction.	E1EDP28/EXART_TX	–	–
productCountryOfOrigin	string	Country of origin for product.	E1EDP28/HERKL	–	–
productRegionOfOrigin	string	Region of origin for product.	E1EDP28/HERKR	–	–
productAlternateCountryOfOrigin	string	Alternate country of origin for product.	E1EDP28/HERTA	–	–
productCountryOfOriginDescription	string	Country of origin full name description for product.	E1EDP28/HERTI	–	–
productGrossWeight	string	Gross weight for product.	E1EDP28/BRULO	–	–
productNetWeight	string	Net weight for product.	E1EDP28/NETLO	–	–
unitOfMeasure	string	Unit of measure for product.	E1EDP28/VEMEH	–	–
regionOfProductManufacture	string	Region where product was manufactured.	E1EDP28/HERBL	–	–
countryOfDispatchForTrade	string	Country of dispatch for trade.	E1EDP28/VERLD	–	–
countryOfDispatchDescription	string	Description of country of dispatch for trade.	E1EDP28/VERLD_TX	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
exemptionCertificateForTrade	string	Exemption certificate: Indicator for legal control. Valid values: • A - Applied for • B - Accepted • C - Request rejected If not populated or element empty, not relevant.	E1EDP28/PRENC	–	–
exemptionCertificateForLegalControl	string	Exemption certificate for legal control.	E1EDP28/PRENO	–	–
exemptionCertificateIssueDate	string	Date exemption certificate issued.	E1EDP28/PREND	–	–
epochExemptionCertificateIssueDate	integer	Date exemption certificate issued generated in epoch integer date format. Each string date recorded will have an epoch date format generated by a java exit.	–	–	–
regionForPlant	string	State, province or region where plant is located.	E1EDP28/WKREG	–	–
shipToLocationInformation	array	Optional ship to party business location identifiers and address if not present at header or if invoice line items delivered to different ship-to locations.	E1EDPA1 where PARVW = "WE"	–	–
businessName	string	Business name for partner or location.	E1EDPA1/NAME1	N102	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	–	–
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values: • DUNS • DUNS4 • DEA • HIN • COMPANYID • COMPANYSITEID • GLN	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	PARTN where companyIdentifierType = COMPANYID	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	LIFNR	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	STRAS	–	–
address2	string	Supplemental street address.	STRS2	–	–
city	string	City	ORT01	–	–
state	string	State or region code	REGIO	–	–
postalCode	string	Postal code	PSTLZ	–	–
country	string	Country code	LAND1	–	–
telephone	string	Telephone number	TELF1	–	–
fax	string	Fax number	TELFX	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
floorNumber	string	Floor number in building.	–	–	–
lscAddressIdentifier	string	LSC address identifier.	–	–	–
village	string	Village name	–	–	–
houseNumber	string	House number	HAUSN	–	–
township	string	Township	–	–	–
premisesCode	string	Premises code	–	–	–
companyLocationContactInformation	–	Company contact information.	–	–	–
contactName	string	Contact name	–	–	–
contactTitle	string	Contact title	–	–	–
contactEmail	string	Contact email address.	–	–	–
contactPhone	string	Contact phone number.	–	–	–
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–
externalERPUserName	string	External ERP system user name for user who generated message.	BNAME	–	–
organizationCode	string	Code for organization responsible for generating the message.	PAORG	–	–
organizationDescription	string	Description of the organization responsible for generating the message.	–	–	–
groupCode	string	Code identifying group responsible for generating the message.	–	–	–
language	string	Language key for message.	SPRAS	–	–
languageCode	string	ISO language code for message.	SPRAS_ISO	–	–
referenceIdentifier	string	Partner reference identifier.	IHREZ	–	–
freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
textReferenceCode	string	Text reference or subject code. Will map whatever is found..	E1EDPT1/TDID	–	–
textFunctionCode	string	Text function code. Will map whatever is found.	E1EDPT1/TDOBJECT	–	–
language	string	Language key for message.	E1EDPT1/TSSPRAS	–	–
languageCode	string	ISO language code for message.	E1EDPT1/TSSPRAS_ISO	–	–
textFormatCode	string	Format code for free text.	E1EDPT2/TDFORMAT	–	–
freeFormText	string	Free text array.	E1EDPT2/TDLINE	–	LIN/FTX040-010 when FTX010 =AAI
canonicalInvoiceSummary	array	Summary totals in invoice.	–	–	–
summaryType (1)	string	Type of summary. Valid values include: • AMOUNTQUALIFYINGFORDISCOUNT • BILLEDVALUE • NUMBEROFITEMS • TOTALNETVALUE • TOTALSALESTAX • TOTALAMOUNT	E1EDS01/SUMID	–	UNH/MOA010-010 = • 128 (TOTALAMOUNT) Or • 124 (TOTALSALESTAX) Or • 125 (TOTALNETVALUE) Or • 129 (AMOUNTQUALIFYINGFORDISCOUNT)
summaryType (2)	string	Type of summary. Valid values include: • VAT - Value Added Tax • GOODSANDSERVICES - Total Tax • STATESALES - State/provincial sales tax • CITYSALES - Local Sales Tax • CUSTOMSDUTY - Import Tax • SURTAX - Other Taxes	–	–	UNH/TAX020-010 = • VAT (VAT) Or • TOT (GOODSANDSERVICES) Or • STT (STATESALES) Or • LOC (CITYSALES) Or • IMP (CUSTOMSDUTY) Or • OTH (SURTAX)
summaryValue (1)	string	Value in summary to map it to summary total amounts or tax.	E1EDS01/SUMME	TDS01 when summaryType = TOTALAMOUNT	UNH/MOA010-020 when summaryType = TOTALAMOUNT or TOTALSALESTAX or TOTALNETVALUE or AMOUNTQUALIFYINGFORDISCOUNT
summaryValue (2)	string	Value in summary to map it to tax segments.	–	–	UNH/TAX/MOA010-020 when summaryType = • VAT or • GOODSANDSERVICES or • STATESALES or • CITYSALES or • CUSTOMSDUTY or • SURTAX UNH/TAX/MOA010-010 = 124
summaryValue (3)	–	Value in summary to map it to segment count.	–	CTT01 when summaryType = NUMBEROFITEMS	UNH/CNT01-020 when summaryType = NUMBEROFITEMS
summaryUnit	string	Unit of measure or currency or other unit for summary value.	E1EDS01/SUNIT	–	UNH/TAX050.040

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