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Purchase order change requests canonical guidelines

The Purchase Order Change Request is an electronic transaction that a buyer uses to communicate updates to a previously submitted purchase order. It enables supply chain partners to revise and align order details after the original order has been issued.

Canonical guidelines

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
canonicalPurchaseOrderChangeRequest	-	Object type/root element.	-	-	-
canonicalControlFileHeader	-	Canonical control file header to store data for control segments of IDocs and TL XML transactions, and EDI envelopes for X12 and EDIFACT.	-	-	-
canonicalPurchaseOrderChangeRequestHeader	-	Purchase order business partner lists.	E1EDK01	BCH	BGM
processingFunctionTypeCode	string	Purpose of purchase order. Tells receiving system function of purchase. Valid values: • CHANGE - Change existing customer PO in supplier's system • REPLACE - Purchase Order confirmation/acknowledgment from supplier's system • CANCEL - Cancel purchase order • COMPLETION - Correction to purchase order	E1EDK01/ACTION = • 000 (NONE) • 001 (REVERSE) • 002 (CHANGE) • 003 (CHANGESTOITEMS) • 004 (CHANGESTOHEADERANDITEMS)	BCH01	BGM030
purchaseOrderType	string	Purchase order type. Valid values include: • PURCHASEORDERCHANGE • PURCHASEORDER • PROMOTION • MUTUALLYDEFINED	-	BCH02	BGM01.1 = 230
transactionFunctionType	string	Code identifying the functional context of the transaction type.	-	BCH15	-
transactionReferenceIdentifierList(1)	array	Instance 1 transaction reference identifier list mapping for the purchase order number mapping to TL internal transaction type PURCHASEORDERCHANGEREQUEST. Required value.	E1EDK01 & E1EDK02	BCH	BGM & DTM
b2bTransactionIdentifierType	string	Referenced document type. Valid value: - PURCHASEORDERCHANGEREQUEST - required	If b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST E1EDK02/QUALF = 022	b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST	If b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST BGM01.1 = 230
b2bTransactionIdentifierValue	string	Reference order identifier value.	E1EDK01/BELNR E1EDK02/BELNR where QUALF = 001	BCH03	BGM02.1
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	-	-	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	transactionDate	date	Transaction date in canonical date format YYYY-MM-DD.	E1EDK02/DATUM + UZEIT (if present)	BCH06	DTM01.2 where DTM01.1 = 137
	epochTransactionDate	date	Transaction date in epoch date format YYYY-MM-DD.	-	-	-
	transactionReferenceIdentifierList(1)	array	Instance 2 transaction reference identifier list mapping for the purchase order number. Required value.	E1EDK01 & E1EDK02	BCH	BGM & DTM
	b2bTransactionIdentifierType	string	Referenced document type. Valid value PURCHASEORDER.	If b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST E1EDK02/QUALF = 022	b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST	If b2bTransactionIdentifierType = PURCHASEORDERCHANGEREQUEST BGM01.1 = 230
	b2bTransactionIdentifierValue	string	Reference order identifier value.	E1EDK01/BELNR E1EDK02/BELNR where QUALF = 001	BCH03	BGM02.1
	lineItemNumber	string	Line item number in customer purchase order. Line item level only.	-	-	-
	transactionDate	date	Transaction date in canonical date format YYYY-MM-DD.	E1EDK02/DATUM + UZEIT (if present)	BCH06	DTM01.2 where DTM01.1 = 137
	epochTransactionDate	date	Transaction date in epoch date format YYYY-MM-DD.	-	-	-
	mpcDates(1)	-	Instance 1 mpcDates with purchase order change request dates at header level: Date of PO change request.	-	BCH	-
	dateType	string	Referenced dates at purchase order header. Valid values include PURCHASEORDERCHANGEREQUEST.	-	dateType = PURCHASEORDERCHANGEREQUEST	-
	dateValue	date	Date time defined by referenced date type.	-	BCH11	-
	timeZone	string	Time zone for referenced dates.	-	-	-
	transactionReferenceInformation	array	Transaction reference information for mapping to X12 REF segment.	E1EDK02	REF	RFF
	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. Valid values include: • VENDORNUMBER • VENDORORDER • INTERNALVENDORNUMBER • ORDERNUMBER • DEPARTMENT	QUALF	REF01	RFF01.1
	transactionReferenceIdentifier	string	Transaction reference identifier value.	BELNR	REF02	RFF02
	description	string	Identifier or description.	-	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.	DATUM + UZEIT (if present)	-	-
	epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
	mpcDates(2)	array	Instance 2 mpcDates for all other date types at header level mapped to header DTM.	E1EDK03	DTM	-
	dateType	string	Referenced dates at purchase order header. Valid values include: • CANCELAFTER • DELIVERYREQUESTED • PROMOTIONSTART • PURCHASEORDER	IDDAT	DTM01	-
	dateValue	date	Datetime defined by referenced date type.	DATUM + UZEIT (if present)	DTM02	-
	timeZone	string	Time zone for referenced dates.	-	-	-
	companyLocationContactInformation	array	Contact information for party business or location.	-	PER	-
	contactType	string	Contact code identifying type of contact. Valid values include: • BUYER • ORDERCONTACT • SUPPLIER	-	PER01	-
	contactName	string	Contact name.	-	PER02	-
	contactTitle	string	Title of contact.	-	-	-
	contactPhone	string	Contact phone number.	-	PER04 or PER05 based on communications qualifier in PER03 or PER05	-
	contactEmail	string	Contact email address.	-	PER04 or PER05 based on communications qualifier in PER03 or PER05	-
	deliveryTerms	array	Delivery terms with transportation instructions for shipment of the order.	-	FOB	-
	deliveryChargePaymentMethodType	string	Method of payment for shipment.	-	FOB01	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
fobTransferLocation	string	Location qualifier identifying type of location. Valid values include: • CI - City • DE - Destination (Shipping) • OR - Origin (Shipping Point) • PL - Plant	-	FOB02	-
description	string	Description of location for shipment of order.	-	FOB03	-
creditsAndCharges	array	Credits and charges on PO including invoice total, discounts, allowances, promotions, services, and others.	-	SAC	-
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values: • ALLOWANCE • CHARGE • NONE	-	SAC01	-
creditChargeType	string	Code representing type of credit or charge. Valid values include: • ADJUSTMENT • ADVANCE • BASE • DISCOUNT • FREIGHT	-	SAC02	-
creditChargeAmount	string	Total amount for the payment.	-	SAC05	-
itemQuantity	string	Allowance or charge quantity.	-	SAC10	-
unitOfMeasure	string	Unit of measure for the allowance or charge item quantity.	-	SAC09	-
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	-	-	-
unitPriceAmount	string	Allowance or charge rate per unit.	-	SAC08	-
creditChargeCurrencyCode	string	Currency code for credit 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. Valid values include: • GROSS • ITEMNET • DISCOUNTNET • BASEPRICE • NETMONTHLYPASTDUE	-	SAC06	-
creditChargeHandlingCode	-	Method of handling for discount or charge. Valid values include: • BILLBACK • OFFINVOICE • CREDITCUSTOMER • VENDORPAID • CUSTOMERPAID	-	SAC12	-
description	string	Description of credit or charge.	-	SAC15	-
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	-	-	-
creditChargeIdentifier	string	Identifier number for allowance or charge.	-	SAC13	-
basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	-	-	-
creditChargeDescriptions	array	Credits, charges, allowances, discounts descriptions. Multiple descriptions are possible.	-	-	-
description	string	Descriptions of credits or charges.	-	-	-
termsOfPayment	array	Terms of payment looping group.	-	ITD	-
termsOfPaymentKey	string	Terms of payment.	-	-	-
termsOfPaymentTypeCode	-	Terms of sale type code. Identifies type of payment code. Valid values include: • BASIC • ENDOFMONTH • FIXEDDATE • DEFERRED	-	ITD01 Use if statement to convert	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	termsOfPaymentDateBasis	string	Terms of sale basis code. Identifies beginning of the terms of payment code. Valid values include: • PURCHASEORDERDATE • SHIPDATE • DELIVERYDATE • EFFECTIVEDATE	-	ITD02 Use if statement to convert	-
	numberOfDays	string	Terms of payment: number of days.	-	ITD07	-
	termsOfPaymentPercent	string	Terms of payment: discount percentage.	-	ITD03	-
	invoicePayablePercent	string	Percentage of invoice payable.	-	ITD11	-
	paymentDueDate	string	Due date for payment.	-	ITD06	-
	paymentDeferredToDate	string	Date deferred payment or percent of invoice payable is due.	-	ITD09	-
	paymentDeferredDueAmount	number	Deferred amount due for payment.	-	-	-
	description	string	Terms of payment description.	-	ITD12	-
	discountDueDate	string	Discount due date.	-	ITD04	-
	discountDueNumberOfDays	number	Discount due number of days.	-	ITD05	-
	dayOfMonth	string	Day of month.	-	-	-
	partnerBusinessInformation	array	Business party types, identifiers, address and other related information.	E1EDKA1	N1	NAD
	partnerEntityType	string	Partner entity type defines the partner type in the group. Valid values include: • BILLTO • SHIPTO • VENDOR • SUPPLIER • CUSTOMER	PARVW	N101	NAD01
	businessName	string	Business name for manufacturing party.	NAME1	N102	NAD04.1
	additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	N201	NAD04.2
	mpcCompanyLocationIdentifierList	array	List of identifiers and identifier types for the business party.	E1EDKA1	N1	NAD
	companyIdentifierType	string	Company identifier type for business partner. Valid values include: • GLN • DUNS • DUNS4 • COMPANYID • COMPANYSITEID	-	N103	NAD02.3
	companyIdentifierValue	string	Company identifier value for business partner.	PARTN	N104	NAD02.1
	alternateCompanyLocationIdentifierValue	string	Company location UUID for partner.	-	-	-
	agencyCode	string	Responsible agency code for identifier types.	-	-	-
	address	-	Manufacturing business party address information.	E1EDKA1	N3/N4	NAD
	address1	string	Main street address.	STRAS	N301	NAD05.1
	address2	string	Supplemental street address.	STRS2	N302	NAD05.2
	city	string	City	ORT01	N401	NAD03
	state	string	State or region code.	REGIO	N402	NAD07.1
	postalCode	string	Postal code	PSTLZ	N403	NAD08
	country	string	Country code	LAND1	N404	NAD09
	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	-	-	-
	mpcAdditionalAddressInformation	-	Manufacturing business party address information.	-	-	NAD
	address3	string	Street address 3 if present.	-	-	-
	address4	string	Street address 4 if present.	-	-	-
	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.	-	-	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	orderType	string	Order type.	-	-	-
	country	string	Additional country code or name.	-	-	-
	countrySubDivisionCode	string	Additional state, province or other country subdivision code.	-	-	-
	postalArea	string	Postal area.	-	-	-
	timeZone	string	Time zone of business partner or location.	-	-	-
	telephone	string	Additional telephone number.	-	-	-
	emailAddress	string	Email address.	-	-	-
	vatRegistrationNumber	string	VAT (Value Added Tax) registration identifier for business partner or location.	-	-	-
	taxExemptCode	string	Tax exempt code.	-	-	-
	locationType	string	Location type.	-	-	-
	locationIdentifier	string	Location identifier.	-	-	-
	formOfAddress	string	Form of address.	-	-	-
	customsBrokerLicenseIdentifier	string	Customs broker license identifier.	-	-	-
	transportMethod	string	Transportation method code identifying the type of transport used for the shipment. Valid values include: • TRUCK • RAIL • SEA • AIR • LTL	-	N1/TD504	-
	companyLocationContactInformation	-	Company location contact information.	-	N1/PER	NAD/CTA/COM
	contactType	string	Contact type. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	-	PER01	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
	contactName	string	Contact name.	-	PER02	CTA020-020
	contactTitle	string	Title of contact.	-	-	-
	contactPhone	string	Contact phone number.	-	PER04 where PER03 = TE or PER06 where PER05 = TE	COM010-010 where COM010-020 = "TE"
	contactEmail	string	Contact email address.	-	PER04 where PER03 = TE or PER06 where PER05 = TE	COM010-010 where COM010-020 = "EM"
	transportationInformation	array	Transportation information for purchase order..	-	-	-
	companyIdentifierType	string	Company identifier type for business partner.	-	-	-
	routingSequenceCode	string	Sequence code for routing.	-	-	-
	transportMethod	string	Transportation method. Valid values include: • TRUCK • RAIL • SEA • AIR • LTL • AIREXPRESS	-	N1/TD504	-
	shipmentChargePaymentMethodType	string	Method of payment for delivery. Valid values include: • COLLECT • BUYER • BUYERSELLERDEFINED • PREPAIDONLY • SELLER	-	-	-
	unitLoadOptionCode	string	Code identifying loading or unloading options for a shipment.	-	-	-
	routingDescription	string	Free form routing description.	-	-	-
	fobTransferLocation	string	Code specifying the type of location at which the risk of loss for the shipment transfers. Valid values: • CITY • PLANT • SHIPPINGDESTINATION • SHIPPINGORIGIN	-	-	-
	fobPointName	-	Name of FOBtransfer location point.	-	-	-
	freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	-	-	-
	textReferenceCode	string	Text reference or subject code.	-	-	-
	textFunctionCode	string	Text function code.	-	-	-
	language	string	Language of free text.	-	-	-
	textFormatCode	string	Format code for free text.	-	-	-
	freeFormText	string	Free text array.	-	-	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system at different level.	-	-	-
name	string	Name of mapped field.	-	-	-
value	string	Value in named field.	-	-	-
canonicalPurchaseOrderChangeRequestItemDetails	array	Purchase order product details array.	E1EDP01	POC	-
lineItemNumber	string	Line item number for ordered product.	E1EDP01 / POSEX	POC01 If no line item number in IB X12, generate one. Begin at 1 and increment by 1 for each loop of POC.	-
processingFunctionTypeCode	string	Purpose of purchase order, item level. Element may appear at header or item level or both. Tells receiving system function of purchase.	E1EDP01 / ACTION = • 001 (ITEMADDED) • 002 (ITEMCHANGED) • 003 (CANCEL) • 004 (ITEMNOTCHANGED) • 005 (ITEMLOCKED) • 091 (RECEIPT) • 093 (RETURN) • 094 (CONSIGNMENT) • 095 (DAMAGEDINTRANSIT) • 096 (CORRECTION)	-	-
adjustmentTypeCode	string	Code specifying granular changes to the PO at the line item level. Valid values include: • ADDITEM • CHANGE • CHANGEDATE • DELETEITEMS • REPLACEDATES	-	POC02	-
isAcknowledgmentRequired	boolean	Purchase order acknowledgment required at line item level flag. Valid values: • TRUE - PO Acknowledgment required for item • FALSE -(Default) No acknowledgment required for item	-	-	-
itemCategory	string	Item category. Populated in standard Idoc.	E1EDP01 / PSTYP	-	-
netPrice	number	Net price for item.	E1EDP01 / NETWR	-	-
plantIdentifier	string	Plant identifier.	E1EDP01 / WERKS	-	-
unitPriceTypeCode	string	Basis of unit price code. Valid values include: • CATALOG • CONTRACT • DEALER • PROMOTION	-	POC07	-
itemUnitPrice	number	Unit price for the product at the line item level.	-	POC06	-
productCodesIdentifiers	array	Instance 1 product code identifiers mapping to UPC case code. Optional value.	-	POC	-
productCodeType	string	Code to qualify product identifier type. Valid values: • VENDOR • GTIN14 • CUSTOMER • MANUFACTURER • PURCHASERITEM	-	• POC08 • POC10 • POC12 • POC14 • POC16 • POC18	-
productCodeValue	string	Product code identifier value.	-	POC09 POC11 POC13 POC15 POC17 POC19	-
productItemInformation	array	Product item code information. Only using a subset of all available attributes.	-	POC/PID	-
productLanguageCode	string	Language for product description.	-	-	-
productName	string	Name of product.	E1EDP19 / KTEXT	PID05	-
remarks	string	Free text remarks. Using field to map to and from PID01.	-	PID01	-
genericName	string	Generic name for product.	-	-	-
productDescription	string	Description of the product defined by the current product identifier.	-	-	-
longDescription	string	Long description for product.	-	-	-
orderPricing	array	Order pricing for purchase order change request.	-	PAM	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
amountType	string	Amount type. Valid values include: • LINEITEMTOTAL • CONTRACT • TAX • NET	-	PAM04	-
pricingAmount	number	Unit price amount mapping to POC06.	-	PAM05	-
priceUOM	string	Price unit of measure.	-		-
currencyCode	string	Currency for pricing amount.	-		-
additionalItemDetails	array	-	-	POC/PO3	-
additionalItemChangeReasonCode	string	Code specifying change or reason code in quantity or price. Valid values include: • ESTIMATEDQUANTITY • PRICEBASEDQUANTITY • MUTUALLYDEFINED	-	P0301	-
dateValue	string	Provision to provide date change.	-	P0302	-
quantityValue	string	Product quantity or unit price basis quantity.	-	P0306	-
unitOfMeasure	string	Unit or Basis for Measurement Code. Unit of entry UOM's include: relates to quantity value UN - Unit.	-	P0307	-
pricingType	string	Instance 1 pricing type for invoice item mapped to POC03. Valid values include: • UNIT • NET • WHOLESALE	-	P0303	-
itemUnitPrice	number	Additional item unit price	-	P0304	-
unitPriceTypeCode	string	Basis of unit price quantity defined in quantityValue, ie, if unit price Rs 100 is per 10 item, the unit basis is "Price per Ten". If unit price Rs 200 per 12 unit, the basis of unit is "Price per Dozen". Valid values include: • CATALOG • CONTRACT • DEALER • DISCOUNT • PROMOTION	-	P0305	-
description	string	Additional item change description.	-	-	-
itemQuantity(1)	-	Instance 1 itemQuantity mapping to POC03 for order quantity.	-	POC	-
quantityType	string	Type of quantity recorded. Valid values include ITEM.	-	quantityType = ITEM	-
quantityValue	number	Quantity of product at PO line item.	-	POC03	-
unitOfMeasure	string	Unit of measure for quantity value.	-	POC05	-
itemQuantity(2)	-	Instance 2 itemQuantity mapping to POC04 for remaining quantity still to be received.	-	POC	-
quantityType	string	Type of quantity recorded. Valid value REMAINING.	-	quantityType = REMAINING	-
quantityValue	number	Quantity of product that remains to be received. 0 is a valid value to map to X12 POC04.	-	POC04	-
unitOfMeasure	string	Unit of measure for quantity value.	-	-	-
itemQuantity(3)	-	Instance 3 itemQuantity mapping to PO402 for the size of the supplier units in a pack.	-	POC/PO4	-
quantityType	string	Type of quantity recorded. Valid value PACKAGED.	-	quantityType = PACKAGED	-
quantityValue	number	Quantity of product at PO line item.	-	PO401	-
unitOfMeasure	string	Unit of measure for quantity value.	-	-	-
itemQuantity(4)	-	Instance 4 itemQuantity mapping to PO401 for number of inner containers per pack or, if no packs, number of eaches per inner container. Same instance of PO4 as for PACKAGED.	-	POC/PO4	-
quantityType	string	Type of quantity recorded. Valid value is INNERCONTAINERS. If second instance of itemQuantity exists with the number of eaches per innercontainer, map to the same instance of X12 PO4 created by itemQuantity PACKAGED and INNERCONTAINERS.	-	quantityType = INNERCONTAINERS	-
quantityValue	number	Quantity of product at PO line item.	-	PO414	-
unitOfMeasure	string	Unit of measure for quantity value.	-	PO403	-
itemQuantity(5)	-	Instance 5 itemQuantity mapping to PO415 for the number of eaches per inner container. Same instance of PO4 as for PACKAGED.	-	POC/PO4	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	quantityType	string	Type of quantity recorded. Valid value: - UNITS If second instance of itemQuantity exists with the number of eaches per innercontainer, map to the same instance of X12 PO4 created by itemQuantity PACKAGED and INNERCONTAINERS.	-	quantityType = UNITS	-
	quantityValue	number	Quantity of product at PO line item.	-	PO402	-
	unitOfMeasure	string	Unit of measure for quantity value.	-	PO403	-
	itemWeight	array	Gross weight for product mapped to PO4.	-	POC/PO4	-
	weightType	string	Weight type. Valid value is GROSSWEIGHT.	-	PO405	-
	weightValue	string	Weight value.	-	PO406	-
	unitOfMeasure	string	Unit of measure for gross weight.	-	PO407	-
	packagingDimensions	array	Packaging dimensions group.	-	POC/PO4	-
	packagingLength	number	Package length.	-	PO410	-
	packagingWidth	number	Package width.	-	PO412	-
	packagingHeight	number	Package height.	-	PO412	-
	unitOfMeasure	string	Unit of measure for packaging dimensions.	-	PO413	-
	companyLocationContactInformation	array	Company for location contact information.	-	POC/PER	NAD/CTA/COM
	contactType	string	Contact code identifying type of contact. Valid values include: - BUYER - ORDERCONTACT - SUPPLIER	-	PER01	CTA010 = - AC (PRIMARY) or - OC (ORDERCONTACT) or - PM (PRODUCTMANAGER)
	contactName	string	Contact name.	-	PER02	CTA020-020
	contactTitle	string	Title of contact.	-	-	-
	contactPhone	string	Contact phone number.	-	PER04 where PER03 = TE or PER06 where PER05 = TE	COM010-010 where COM010-020 = "TE"
	contactEmail	string	Contact email address.	-	PER04 where PER03 = TE or PER06 where PER05 = TE	COM010-010 where COM010-020 = "EM"
	transactionReferenceInformation	array	Transaction references for purchase orders and PO change, and PO confirmations at line item detail level.	E1EDP02	POC/REF	-
	transactionReferenceType	string	Referenced identifier type. Valid values include: - INTERNALVENDORNUMBER - ORDERNUMBER - DEPARTMENT	QUALF	REF01	-
	transactionReferenceIdentifier	string	Referenced identifier.	BELNR	REF02	-
	description	string	Description.	ZEILE	REF03	-
	transactionReferenceDate	date	Referenced identifier date.	DATUM + UZEIT if present	-	-
	deliveryTerms	array	Delivery terms with transportation instructions for shipment of the order.	-	POC/FOB	-
	deliveryChargePaymentMethodType	string	Method of payment for shipment. Pass thru mapping.	-	FOB01	-
	fobTransferLocation	string	Location qualifier identifying type of location. Valid values include: - CI - City - DE - Destination (Shipping) - OR - Origin (Shipping Point) - PL - Plant	-	FOB02 If statement to check for DE or OR - DE - SHIPPINGDESTINATION - OR - SHIPPINGORIGIN	-
	description	string	Description of location for shipment of order.	-	FOB03	-
	shipToLocationInformation	-	Ship to location party types, identifiers and address information.	E1EDPA1	-	-
	partnerEntityType	string	Partner entity type defines the partner type in the group. Valid values include SHIPT0.	-	-	-
	businessName	string	Business name for ship to party location.	NAME1	-	-
	additionalBusinessName	string	Additional business name or overflow of business name.	NAME2	-	-
	mpcCompanyLocationIdentifierList	array	List of identifiers and identifier types for the business party.	-	-	-
	companyIdentifierType	string	Company identifier type for business partner.	-	-	-
	companyIdentifierValue	string	Company location identifier for business partner.	PARTN	-	-
	alternateCompanyLocationIdentifierValue	string	Company location UUID for partner.	LIFNR	-	-
	address	-	Bill to business party address information.	-	-	-
	address1	string	Main street address.	STREET	-	-
	address2	string	Supplemental street address.	-	-	-
	city	string	City	CITY1	-	-
	district	string	District	-	-	-
	state	string	State or region code	-	-	-
	postalCode	string	Postal code	POST_CODE1	-	-
	country	string	Country code	COUNTRY	-	-
	telephone	string	Telephone number.	TELF1	-	-
	fax	string	Fax number	-	-	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
url	string	Website URL.	-	-	-
buildingNumber	string	Building number.	-	-	-
plantNumber	string	Plant number.	-	-	-
termsOfPayment	array	Terms of payment looping group.	-	-	-
termsOfPaymentKey	string	Terms of payment.	-	-	-
paymentTypeCode	-	Code identifying type of payment terms.	-	-	-
termsOfPaymentDateType	string	Code identifying the beginning of the terms period.	-	-	-
numberOfDays	string	Terms of payment: number of days.	-	-	-
termsOfPaymentPercent	string	Terms of payment: percentage.	-	-	-
invoicePayablePercent	string	Percentage of invoice payable.	-	-	-
paymentDueDate	date	Due date for payment.	-	-	-
paymentDeferredToDate	date	Date deferred payment or percent of invoice payable is due.	-	-	-
paymentDeferredDueAmount	number	Deferred amount due for payment.	-	-	-
description	string	Terms of payment description.	-	-	-
creditsAndCharges	array	Credits and charges on PO including invoice total, discounts, allowances, promotions, services, and others.	-	POC/SAC	-
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values: • ALLOWANCE • CHARGE • NONE	-	POC/SAC01	-
creditChargeType	string	Code representing type of credit or charge. Valid values include: • ADJUSTMENT • ADVANCE • BASE • DISCOUNT • FREIGHT	-	POC/SAC02	-
creditChargeAmount	string	Total amount for the payment.	-	POC/SAC05	-
itemQuantity	string	Allowance or charge quantity.	-	POC/SAC10	-
unitOfMeasure	string	Unit of measure for the allowance or charge item quantity.	-	POC/SAC09	-
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	-	-	-
unitPriceAmount	string	Allowance or charge rate per unit.	-	POC/SAC08	-
creditChargeCurrencyCode	string	Currency code for credit or charge.	-	-	-
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	-	POC/SAC07	-
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated. Valid values include: • GROSS • ITEMNET • DISCOUNTNET • BASEPRICE • NETMONTHLYPASTDUE	-	POC/SAC06	-
creditChargeHandlingCode	-	Method of handling for discount or charge. Valid values include: • BILLBACK • OFFINVOICE • CREDITCUSTOMER • VENDORPAID • CUSTOMERPAID	-	POC/SAC12	-
description	string	Description of credit or charge.	-	POC/SAC15	-
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	-	-	-
creditChargeIdentifier	string	Identifier number for allowance or charge.	-	POC/SAC13	-
basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	-	-	-
creditChargeDescriptions	array	Credits, charges, allowances, discounts descriptions. Multiple descriptions are possible.	-	-	-
description	string	Descriptions of credits or charges.	-	-	-
freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	-	-	-
textReferenceCode	string	Text reference or subject code.	-	-	-
textFunctionCode	string	Text function code.	-	-	-
language	string	Language of free text.	-	-	-
textFormatCode	string	Format code for free text.	-	-	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
freeText	string, array	Free text array.	-	-	-
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system at different level.	-	-	-
name	string	Name of mapped field.	-	-	-
value	string	Value in named field.	-	-	-
canonicalPurchaseOrderChangeRequestSummary	array	Purchase order change request message summary.	-	CTT	-
summaryType	string	Type of summary. Valid values include: • LINEITEMTOTAL • TOTALQUANTITY • TOTALWEIGHT • TOTALVOLUME	-	Logic: If summaryType = LINEITEMTOTAL, map to/from CTT01 summaryType = TOTALQUANTITY, map to/from CTT02 summaryType = TOTALWEIGHT, map to/from CTT03 summaryType = TOTALVOLUME, map to/from CTT05 summaryType = LINEITEMTOTAL, map to/from AMT02 summaryType = TOTALAMOUNT, map to/from AMT02	-
summaryValue	string	Value in summary.	-	CTT01 CTT02 CTT03 CTT05	-
summaryValueUnit	string	Unit of measure for summary value as defined by summaryType.	-	CTT04 for TOTALWEIGHT CTT06 for TOTALVOLUME	-

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