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Grocery products purchase order canonical guidelines

The Grocery Products Purchase Order enables a customer to request delivery of consumer packaged goods (CPG) from a supplier within grocery and wholesale supply chains. This industry-specific message supports grocery trade practices, including promotional pricing, trade allowances, and distribution requirements, making it more suitable than a generic purchase order for CPG transactions.

Canonical guidelines

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
canonicalGroceryProductsPurchaseOrder	–	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.	–	–	–
canonicalGroceryProductsPurchaseOrderHeader	–	Purchase order business partner lists	G50	E1EDK01	BEG
processingFunctionTypeCode	string	Purpose of purchase order. Tells receiving system function of purchase. Valid values: • CREATE - Create new customer PO in supplier's system • CHANGE - Change existing customer PO in supplier's system • CONFIRM - Purchase Order confirmation/acknowledgment from supplier's system • CANCEL - Cancel purchase order • CORRECTION - Correction to purchase order	G5001 • N (ORIGINAL) or • F (CANCEL) or • R (CHANGE) or • C (CONFIRM)	E1EDK01/ACTION = • 000 (NONE) • 001 (REVERSE) • 002 (CHANGE) • 003 (CHANGESTOITEMS) • 004 (CHANGESTOHEADERANDITEMS)	BEG01 • 00 (ORIGINAL) or • 01 (CANCEL) or • 02 (CREATE) • 04 (CHANGE) or • 06 (CONFIRM) or • CO (CORRECTION)
freightTerms	string	Freight terms.	–	–	–
transactionReferenceIdentifierList	array	Transaction reference identifier list for purchase order number.	G50	E1EDk02	BEG
b2bTransactionIdentifierType	string	Referenced document type. Valid value: • GROCERYPRODUCTSPURCHASEORDER (required) • RELEASE • CONTRACT	b2bTransactionIdentifierType = GROCERYPRODUCTSPURCHASEORDER required	If b2bTransactionIdentifierType = PURCHASEORDER. QUALF = 001	BEG03 maps to PURCHASEORDER BEG04 maps to RELEASE BEG06 maps to CONTRACT
b2bTransactionIdentifierValue	string	Reference order identifier value.	G5003	BELNR	–
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
transactionDate	date	Transaction date in canonical date format YYYY-MM-DD.	G5002	DATUM + UZEIT (if present)	BEG05 maps to PURCHASEORDER transactionDate
epochTransactionDate	date	Transaction date in epoch date format YYYY-MM-DD.	–	–	–

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
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.	N9	E1EDk02	REF
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: • `INTERNALVENDORNUMBER` • `VENDORNUMBER` • `DEPARTMENT` • `CONTRACT` • `SALESORDER` • `DEAORDER`	N901 = • VR (VENDORNUMBER) or • IA (INTERNALVENDORNUMBER) or • AN (ASSOCIATEDPURCHASEORDER) or • DP (DEPARTMENT) or • VR (VENDORNUMBER) or • CO (CUSTOMERORDER) or • CR (CUSTOMERREFERENCENUMBER)	QUALF	REF01 = • DM (DOCUMENT) or • D1 (DEACSOSORDER) or • DH (DEAIDENTIFIER) or • P2 (DEAPREVIOUSIDENTIFIER) or • QD (DEAREPLACEMENTIDENTIFIER) or • DEA (DEACERTIFICATE) or • VR (VENDORNUMBER) or • IA (INTERNALVENDORNUMBER)
transactionReferenceIdentifier	string	Transaction reference identifier value.	N902	BELNR	REF02
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	N903	–	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.	–	–	–
purchaseOrderDates	array	Reference dates at header level.	G62	E1EDK03	DTM
dateType	string	Referenced dates at purchase order. header. Valid values include: • `CANCELAFTER` • `DELIVERYREQUESTED` • `PROMOTIONSTART` • `PURCHASEORDER`	G6201	IDDAT	DTM01
dateValue	date	Datetime defined by referenced date type.	G6202	DATUM + UZEIT (if present)	DTM02 + DTM03 (if present)
timeZone	string	Time zone for referenced dates.	–	–	–
companyLocationContactInformation	array	Contact information for party business or location.	G61	–	–
contactType	string	Contact code identifying type of contact. Valid values include: • `BUYER` • `ORDERCONTACT` • `SUPPLIER`	G6101	–	PER01
contactName	string	Contact name.	G6102	–	PER02
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	G6104 or G6105 based on communications qualifier in G6103	–	PER04
contactEmail	string	Contact email address.	G6104 or G6105 based on communications qualifier in G6103	–	PER06
partnerBusinessInformation	array	Business party types, identifiers and address information.	N1	–	–
partnerEntityType	string	Partner entity type defines the partner type in the group. Valid values include: • `VENDOR` • `CUSTOMER` • `INVOICINGPARTY` • `CARRIER` • `PAYER`	N101	–	–
businessName	string	Business name for manufacturing party.	N102	–	–
additionalBusinessName	string	Additional business name or overflow of business name.	N201	–	–
mpcCompanyLocationIdentifierList	array	List of identifiers and identifier types for the business party.	N1	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • `GLN` • `DUNS` • `DUNS4` • `COMPANYID` • `COMPANYSITEID`	N103	–	–
companyIdentifierValue	string	Company identifier value for business partner.	N104	–	–

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
alternateCompanyLocationIdentifierValue	string	Company location UUID for partner.	–	–	–
companyLocationPartnerName	string	Company location partner name.	–	–	–
agencyCode	string	Responsible agency code for identifier types.	–	–	–
address	–	Manufacturing business party address information.	N3/N4	–	–
address1	string	Main street address.	N301	–	–
address2	string	Supplemental street address.	N302	–	–
city	string	City	N401	–	–
state	string	State or region code.	N402	–	–
postalCode	string	Postal code	N403	–	–
country	string	Country code	N404	–	–
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
billToBusinessInformation	–	End customer business party types, identifiers and address information.	N1	–	–
partnerEntityType	string	Partner entity type defimes the partner type in the group. Valid values include `BILLTO`.	N101 = BT	–	–
businessName	string	Business name for end customer party.	N102	–	–
additionalBusinessName	string	Additional business name or overflow of business name.	N201	–	–
mpcCompanyLocationIdentifierList	array	List of identifiers and identifier types for the business party.	N1	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • `GLN` • `DUNS` • `DUNS4` • `COMPANYID` • `COMPANYSITEID`	N103	–	–
companyIdentifierValue	string	Manufacturing business partner name.	N104	–	–
alternateCompanyLocationIdentifierValue	string	Company location UUID for partner.	–	–	–
address	–	Manufacturing business party address information.	N3/N4	–	–
address1	string	Main street address.	N301	–	–
address2	string	Supplemental street address.	N302	–	–
city	string	City	N401	–	–
district	string	District	N402	–	–
state	string	State or region code	N403	–	–
postalCode	string	Postal code	N404	–	–
country	string	Country code	–	–	–
telephone	string	Telephone number	–	–	–
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
shipToLocationInformation	–	Ship to location party types, identifiers and address information.	N1	E1EDKA1 PARVW = WE	N101 = ST
partnerEntityType	string	Partner entity type defines the partner type in the group. Valid values include `SHIPTO`.	N101 = ST	–	–
businessName	string	Business name for ship to party location.	N102	NAME1	N102 where N101=ST
additionalBusinessName	string	Additional business name or overflow of business name.	N201	NAME2	–
mpcCompanyLocationIdentifierList	array	List of identifiers and identifier types for the business party.	N1	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • `GLN` • `DUNS` • `DUNS4` • `COMPANYID` • `COMPANYSITEID`	N103	–	N103 where N101=ST N103 = Canonical enumeration • 1 - DUNS • 9 - DUNS4 • 11 - DEA • 21 - HIN • 91 - COMPANYID • 92 - COMPANYSITEID • UL - GLN
companyIdentifierValue	string	Manufacturing business partner name.	N104	PARTN	N104
alternateCompanyLocationIdentifierValue	string	Company location UUID for partner.	–	LIFNR	–
address	–	Manufacturing business party address information.	N3/N4	–	–
address1	string	Main street address.	N301	STREET	N301
address2	string	Supplemental street address.	N302	–	N302
city	string	City	N401	CITY1	N401
district	string	District	N402	–	–
state	string	State or region code	N403	–	N402
postalCode	string	Postal code	N404	POST_CODE1	N403
country	string	Country code	–	COUNTRY	N404
telephone	string	Telephone number	–	TELF1	–

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
fax	string	Fax number	–	–	–
url	string	Website URL	–	–	–
buildingNumber	string	Building number	–	–	–
plantNumber	string	Plant number	–	–	–
termsOfPayment	array	Terms of payment looping group.	G23	–	–
termsOfPaymentKey	string	Terms of payment.	–	–	–
termsOfPaymentTypeCode	–	Code identifying type of payment terms. Valid values include: • BASIC • DEFERRED • ENDOFMONTH • FIXEDDATE • PROXIMO	G2301 Conditions: If G2301 = 04, either G2313 or G2314 is required If G2301 equals "11"), G2304 is required If G2301 does NOT equal 05, (G2305 or G2310) and (G2306 or G2307) required	–	ITD01 = Canonical Enum • 01 - BASIC • 02 - ENDOFMONTH • 03 - FIXEDDATE • 04 - DEFERRED • 05 - DISCOUNTNOTAPPLICABLE • 06 - MIXED • 07 - EXTENDED • 13 - SELLER • 14 - PREVIOUSLYAGREED • 15 - PROXIMO
termsOfPaymentDateBasis	string	Code identifying the beginning of the terms period. Valid values: • DELIVERYDATE • EFFECTIVEDATE • INVOICEDATE • INVOICERECEIPTDATE • PURCHASEORDERDATE • SHIPDATE	G2302	–	ITD02 = Canonical Enum • 1 - SHIPDATE • 2 - DELIVERYDATE • 3 - INVOICEDATE • 5 - INVOICERECEIPTDATE • 7 - EFFECTIVEDATE • 09 - PURCHASEORDERDATE
numberOfDays	string	Terms of payment: number of days.	G2309	–	ITD07
termsOfPaymentPercent	string	Terms of payment: discount percentage.	G2305	–	ITD03
invoicePayablePercent	string	Percentage of invoice payable.	G2314	–	ITD11
paymentDueDate	string	Due date for payment.	G2308	–	ITD06 - store in canonical in date format [YYYY-MM-DD]
paymentDeferredToDate	string	Date deferred payment or percent of invoice payable is due.	–	–	ITD09 - store in canonical in date format [YYYY-MM-DD]
paymentDeferredDueAmount	number	Deferred amount due for payment.	–	–	ITD10
description	string	Terms of payment description.	G2315	–	ITD12
discountDueDate	string	Discount due date.	G2306	–	ITD04 - store in canonical in date format [YYYY-MM-DD]
discountDueNumberOfDays	number	Discount due number of days.	G2307	–	ITD05
dayOfMonth	string	Day of month.	–	–	ITD13
creditsAndCharges	array	Credits and charges on PO including invoice total, discounts, allowances, promotions, services, and others.	G72	–	SAC
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges.	–	–	SAC01 = Canonical Enum • A - ALLOWANCE • C - CHARGE • N - NONE
creditChargeType	string	Code representing type of credit or charge.	–	–	SAC02
creditChargeAmount	string	Total amount for the payment.	G7208	–	SAC05
itemQuantity	string	Allowance or charge quantity.	G7206	–	–
unitOfMeasure	string	Unit of measure for the allowance or charge item quantity.	G7207	–	–
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	–	–	–
unitPriceAmount	string	Allowance or charge rate per unit.	G7205	–	–
creditChargeCurrencyCode	string	Currency code for credit or charge.	–	–	–
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	G7209	–	SAC07

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	–	–	SAC06 = Canonical Enum • 0 - GROSS • 1 - ITEMLIST • 2 - ITEMNET • 3 - DISCOUNTGROSS • 4 - DISCOUNTNET • 5 - BASEUNITPRICE • 6 - BASEPRICE • 7 - BASEPRICELESSDISCOUNT • 8 - NETMONTHLYPASTDUE • 9 - LATEPAYMENT • B - ITEMTOTAL • C- ITEMUNIT • D - TOTAL
creditChargeHandlingCode	–	Method of handling for discount or charge. Valid values include: • `ADVANCE` • `CANCELALLOWANCE` • `COLLECT` • `CREDITCUSTOMER` • `GROSSINVOICED` • `INFORMATION` • `PREPAID` • `RESELLERALLOWANCE` • `VENDORPAID`	–	–	SAC12 = Canonical Enum • 01 - BILLBACK • 02 - OFFINVOICE • 04 - CREDITCUSTOMER • 05 - VENDORPAID • 06 - CUSTOMERPAID • 07 - OPTIONAL • 08 - GROSSINVOICED • 09 - VENDORALLOWANCE • 10 - RESELLERALLOWANCE • 11 - VENDORDENIED • 12 - CANCELALLOWANCE • 15 - INFORMATION • 18 - TAXNONPAYABLE • 25 - ADVANCE • CA - CALCULATE • CC - COLLECT • PP - PREPAID
description	string	Description of credit or charge.	–	–	–
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	G7201	–	–
creditChargeIdentifier	string	Identifier number for allowance or charge.	G7203	–	–
basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	G7210	–	–
creditChargeDescriptions	array	Credits, charges, allowances, discounts descriptions. Multiple descriptions are possible.	G73	–	–
description	string	Descriptions of credits or charges.	G7301	–	–
transportationInformation	array	Transportation information for purchase order.	G66	–	–
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`	G6602	–	TD504 = Canonical Enum • A - AIR • AE - AIREXPRESS • H - CUSTOMERPICKUP • D - GROUND • M - TRUCK • R - RAIL • S - SEA • SR - SUPPLIERTRUCK • K - SUPPLIERTRUCK • X - MULTIMODAL

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
shipmentChargePaymentMethodType	string	Method of payment for delivery. Valid values include: • COLLECT • BUYER • BUYERSELLERDEFINED • PREPAIDONLY • SELLER	G6601	–	–
unitLoadOptionCode	string	Code identifying loading or unloading options for a shipment.	G6604	–	–
routingDescription	string	Free form routing description.	G6605	–	–
fobTransferLocation	string	Code specifying the type of location at which the risk of loss for the shipment transfers. Valid values: • CITY • PLANT • SHIPPINGDESTINATION • SHIPPINGORIGIN	G6606	–	–
fobPointName	–	Name of FOBtransfer location point.	G6607	–	–
freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	NTE	segment E1EDKT1 & E1EDKT2	X12
textReferenceCode	string	Text reference or subject code.	NTE01	/E1EDKT1 / TDID	When REF01 = "ZZ" , store X12 qualifier from REF02
textFunctionCode	string	Text function code.	–	/E1EDKT1 / TDOBJECT	REF02 = "ZZ"
language	string	Language of free text.	–	/E1EDKT1 / TSSPRAS_ISO	–
textFormatCode	string	Format code for free text.	–	E1EDKT2 / TDFORMAT	–
freeFormText	string	Free text array.	NTE02	E1EDKT2 / TDLINE	When REF01 = "ZZ" , store value from REF03
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.	–	–	–
canonicalGroceryProductsPurchaseOrderItemDetails	array	Purchase order product details array.	G68	–	–
lineItemNumber	string	Line item number for ordered product.	–	E1EDP01 / POSEX	PO101
processingFunctionTypeCode	string	Purpose of purchase order, item level. Element may appear at header or item level or both. Tells receiving system function of purchase. Valid values: • CREATE - Create new customer PO in supplier's system • CHANGE - Change existing customer PO in supplier's system • CONFIRM - Purchase Order confirmation/acknowledgment from supplier's system • CANCEL - Cancel purchase order	–	E1EDP01 / ACTION = • 001 (ITEMADDED) • 002 (ITEMCHANGED) • 003 (CANCEL) • 004 (ITEMNOTCHANGED) • 005 (ITEMLOCKED) • 091 (RECEIPT) • 093 (RETURN) • 094 (CONSIGNMENT) • 095 (DAMAGEDINTRANSIT) • 096 (CORRECTION)	–
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	–
productCodesIdentifiers(1)	–	Instance 1 product code identifiers mapping to UPC case code.	G68	–	–
productCodeType	string	Code to identifying UPC case code. Valid value UNUPC - UN/UPC case code (2-5-5)	productCodeType = UNUPC	–	–
productCodeValue	string	Product code identifier value.	G6804 If productCodeType = UNUPC	–	–
productCodesIdentifiers(2)	array	Instance 2 product code identifiers for all other product types except UPC case code.	G68	segment E1EDP19	Product code qualifier followed by identifiers are represented in pairs from PO106 & PO107 through PO124 & PO125.. If qualifier is present, then identifier is required.

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
productCodeType	string	Code to qualify product identifier type: • VENDOR • GTIN14 • CUSTOMER • MANUFACTURER • PURCHASERITEM	G6805 G6807	E1EDP19 / QUALF = • 001 (CUSTOMER) or • 002 (VENDOR) or • 003 (GTIN14) or • 004 (MANUFACTURER)	PO106 = Canonical Code: • VN - SUPPLIER • VC - VENDOR • UK - GTIN14 • PI - CUSTOMER • N4 - US_NDC542 • FV - CA_DIN • UP - UPC MF or • MG - MANUFACTURER • N1 - US_NDC442 • N2 - US_NDC532 • N3 - US_NDC541 • SK - SKU • BP or IN - BUYER
productCodeValue	string	Product code identifier value.	G6806 G6808	E1EDP19 / IDTNR	PO107
productItemInformation	array	Product item code information. Only using a subset of all available attributes.	–	–	–
productLanguageCode	string	Language for product description.	–	–	–
productName	string	Name of product.	G6901	E1EDP19 / KTEXT	PID05, where PID = "F"
genericName	string	Generic name for product.	–	–	
productDescription	string	Description of the product defined by the current product identifier.	–	–	PID05 where PID01 = "F"
longDescription	string	Long description for product.	–	–	–
itemQuantity(1)	array	Instance 1 item Quantity mapping to G68 for order quantity.	G68	–	–
quantityType	string	Type of quantity recorded. Valid values include ITEM.	quantityType = ITEM	–	quantity Types used in Purchase order: ITEM
quantityValue	number	Quantity of product at PO line item.	G6801	–	PO102
unitOfMeasure	string	Unit of measure for quantity value.	G6802	–	PO103store X12 qualifier in canonical.See note
itemQuantity(2)	array	Instance 2 itemQuantity mapping to PO4 (850) and G70 (875) for number of inner containers or eaches if no inner containers.	G70	–	PO4
quantityType	string	Type of quantity recorded. Valid value PACKAGED.	quantityType = PACKAGED	–	quantity Types used in Purchase order: PACKAGED
quantityValue	number	Quantity of product at PO line item.	G7001	–	PO401
unitOfMeasure	string	Unit of measure for quantity value.	–	–	PO403store X12 qualifier in canonical.
itemQuantity(3)	array	Instance 3 itemQuantity mapping to PO4 (850) and G70 (875) for number of eaches per inner container	G70	–	–
quantityType	string	Type of quantity recorded. Valid values include: INNERCONTAINERS. If second instance of itemQuantity exists with innercontainers, map to the same instance of X12 PO4 or G70 created by itemQuantity PACKAGED.	quantityType = INNERCONTAINERS	–	quantity Types used in Purchase order: INNERCONTAINERS
quantityValue	number	Quantity of product at PO line item.	G7010	–	PO414
unitOfMeasure	string	Unit of measure for quantity value.	–	–	–
orderPricing	array	Purchase order price amounts.	G76	–	–
pricingType	string	Pricing type for invoice item. Valid pricing types include: • UNIT • GROSS • NET • RETAIL	pricingType = UNIT	–	Pricing Types used in Purchase order: UNIT
pricingAmount	number	Pricing amount for pricing type.	G6803 where pricingType = UNIT	–	PO104
currencyCode	string	Currency for pricing amount.	–	–	–
transactionReferenceIdentifiers	array	Transaction references for purchase orders and PO change, and PO confirmations at line item detail level.	–	–	–
transactionReferenceIdentifierType	string	Referenced document type. Valid values: • PURCHASEORDER • SUPPLIERORDER • RELEASE • INTERNALVENDORNUMBER - Internal Vendor Number • DEPARTMENT - Department Number	–	–	–
transactionReferenceIdentifierValue	string	Reference order identifier value.	–	–	–
transactionLineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
transactionDate	date	Date order created.	–	–	–
transactionTime	date	Time order created.	–	–	–
shipToLocationInformation	–	Ship to location party types, identifiers and address information	–	E1EDPA1	–

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
partnerEntityType	string	Partner entity type defimes the partner type in the group. Valid values include `SHIPTO`.	–	–	–
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	–	–	–
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. Valid values: • `BASIC` • `DEFERRED` • `DISCOUNTNOTAPPLICABLE` • `ENDOFMONTH` • `EXTENDED` • `FIXEDDATE` • `MIXED` • `PREVIOUSLYAGREED` • `PROXIMO` • `SELLER`	–	–	–
termsOfPaymentDateType	string	Code identifying the beginning of the terms period. Valid values: • `DELIVERYDATE` • `EFFECTIVEDATE` • `INVOICEDATE` • `INVOICERECEIPTDATE` • `PURCHASEORDERDATE` • `SHIPDATE`	–	–	–
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.	G68/G72	–	–
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values include: • `ALLOWANCE` • `CHARGE` • `PROMOTION`	–	–	SAC01 = Canonical Enum • A - ALLOWANCE • C - CHARGE • N - NONE
creditChargeType	string	Code representing type of credit or charge.	–	–	SAC02
creditChargeAmount	string	Total amount for the payment.	G7208	–	SAC05
itemQuantity	string	Allowance or charge quantity.	G7206	–	–
unitOfMeasure	string	Unit of measure for the allowance or charge item quantity.	G7207	–	–
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	–	–	–
unitPriceAmount	string	Allowance or charge rate per unit.	G7205	–	–
creditChargeCurrencyCode	string	Currency code for credit or charge.	–	–	–
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	G7209	–	SAC07

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	–	–	SAC06 = Canonical enumeration: • 0 - GROSS • 1 - ITEMLIST • 2 - ITEMNET • 3 - DISCOUNTGROSS • 4 - DISCOUNTNET • 5 - BASEUNITPRICE • 6 - BASEPRICE • 7 - BASEPRICELESSDISCOUNT • 8 - NETMONTHLYPASTDUE • 9 - LATEPAYMENT • B - ITEMTOTAL • C - ITEMUNIT • D - TOTAL
creditChargeHandlingCode	–	Method of handling for discount or charge. Valid values include: • ADVANCE • CANCELALLOWANCE • COLLECT • CREDITCUSTOMER • GROSSINVOICED • INFORMATION • PREPAID • RESELLERALLOWANCE • VENDORPAID	G7202	–	SAC12 = Canonical enumeration: • 01 - BILLBACK • 02 - OFFINVOICE • 04 - CREDITCUSTOMER • 05 - VENDORPAID • 06 - CUSTOMERPAID • 07 - OPTIONAL • 08 - GROSSINVOICED • 09 - VENDORALLOWANCE • 10 - RESELLERALLOWANCE • 11 - VENDORDENIED • 12 - CANCELALLOWANCE • 15 - INFORMATION • 18 - TAXNONPAYABLE • 25 - ADVANCE • CA - CALCULATE • CC - COLLECT • PP - PREPAID
description	string	Description of credit or charge.	–	–	–
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	G7201	–	–
creditChargeIdentifier	string	Identifier number for allowance or charge.	G7203	–	–
basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	G7210	–	–
creditChargeDescriptions	array	Credits, charges, allowances, discounts descriptions. Multiple descriptions are possible.	G73	–	–
description	string	Descriptions of credits or charges.	G7301	–	–
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.	–	–	–
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.	–	–	–
canonicalGroceryProductsPurchaseOrderSummary	array	Purchase order message summary for mapping values.	G76	–	CTT/AMT

Canonical Element	Type Definition	Description	X12 mapping	IDoc mapping	X12 mapping
summaryType	string	Type of summary. Valid values include: • TOTALQUANTITY • TOTALWEIGHT • TOTALVOLUME • TOTALAMOUNT	Summary Types in Grocery PO: • TOTALQUANTITY • TOTALWEIGHT • TOTALVOLUME • TOTALAMOUNT Logic: If summaryiType = TOTALQUANTITY, map to/from G7601 If summaryiType = TOTALWEIGHT, map to/from G7603 If summaryiType = TOTALVOLUME, map to/from G7605 If summaryiType = TOTALAMOUNT, map to/from G7608	-	Summary Types in PO: NUMBEROFITEMS • TOTALQUANTITY • TOTALWEIGHT • TOTALVOLUME • LINEITEMTOTAL • TOTALAMOUNT Logic: If summaryiType = NUMBEROFITEMS, map to/from CTT01 If summaryiType = TOTALQUANTITY, map to/from CTT02 If summaryiType = TOTALWEIGHT, map to/from CTT03 If summaryiType = TOTALVOLUME, map to/from CTT05If If summaryiType = TOTALAMOUNT, map to/from AMT02 - Set AMT01 to TT total transaction amount
summaryValue	string	Value in summary.	• G7601 for TOTALQUANTITY • G7603 for TOTALWEIGHT • G7605 for TOTALVOLUME • G7608 for TOTALAMOUNT	-	CTT01 for NUMBEROFITEMS CTT02 for TOTALQUANTITY CTT03 for TOTALWEIGHT CTT05 for TOTALVOLUME AMT02 for LINEITEMTOTAL when AMT01 = 1 AMT02 for TOTALAMOUNT when AMT01 = TT
summaryValueUnit	string	Unit of measure for summary value.	• G7602 for TOTALQUANTITY • G7604 for TOTALWEIGHT • G7606 for TOTALVOLUME	-	CTT04 for TOTALWEIGHT

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