



TRACELINK UNIVERSITY

Home

Resources

TraceLink University

Grocery products invoice canonical guidelines

The Grocery Products Invoice is an industry-specific transaction used by suppliers to bill retailers, wholesalers, and distribution centers for delivered grocery and consumer packaged goods (CPG). As part of the ANSI X12 standard, this message supports high-volume, item-level invoicing and replaces paper invoices with a structured, electronic format.

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.	-	-	-
canonicalGroceryProductsInvoiceHeader	-	Invoice header information.	-	-	-
processingFunctionTypeCode	string	Invoice processing function code. Valid values include: • ORIGINAL • CREATE • CHANGE • CONFIRM • CANCEL	-	ORIGINAL	-
transactionReferenceIdentifierList	array	Transaction references for invoice at header level	-	G01 and N9	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
b2bTransactionIdentifierType	string	Referenced document type. Valid values include: • INVOICE • DELIVERY • SUPPLIERORDER • ASSIGNMENT • SHIPMENT • BOL • GROCERYPRODUCTSPURCHASEORDER • GROCERYPRODUCTSINVOICE is required	-	N901 = BM (BOL)	-
b2bTransactionIdentifierValue	string	Reference order identifier value for invoice identified by transactionReferenceIdentifierType.	-	G0102 when b2bTransactionIdentifierType = GROCERYPRODUCTSINVOICE (required) G0104 when b2bTransactionIdentifierType = GROCERYPRODUCTSPURCHASEORDER G0105 when b2bTransactionIdentifierType = SUPPLIERORDER N902	-
lineItemNumber	string	Line item number in transaction reference. Line item level only.	-	-	-
transactionDate	string	Date transaction created.	-	G0101 when b2bTransactionIdentifierType = GROCERYPRODUCTSINVOICE G0103 when b2bTransactionIdentifierType = GROCERYPRODUCTSPURCHASEORDER	-
epochTransactionDate	integer	Date transaction created in epoch integer date format.	-	-	-
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.	-	N9	-
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.	-	N901	-
transactionReferenceIdentifier	string	Transaction reference identifier value.	-	N902	-
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	-	N903	-
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.	-	N904 & N905	-
epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
invoiceDates	array	Invoice dates at header level.	-	G62	-
dateType	string	referenced date type. Valid values include: • SHIPPED • DELIVERYREQUESTED • INVOICE • DESPATCH	-	G6201 = • 11 (SHIPPED) Or • 02 (DELIVERYREQUESTED) Or • 03 (INVOICE) Or • 10 (DESPATCH)	-
dateValue	string	Date defined by referenced date type	-	G6202	-
epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format.	-	-	-
timeZone	string	Time zone for referenced dates.	-	-	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	partnerBusinessInformation	array	Business Parties identifiers and address information.	-	N1	-
	partnerEntityType	string	Denotes type of the entity involved in this business transaction, Valid values include: - BILLTO - Bill to party - REMITTO - Remit to party - SHIPPER - Shipper - SHIPTO - Ship to party	-	N101	-
	businessName	string	Business name for partner or location	-	N102	-
	additionalBusinessName	string	Additional Business name for partner or location.	-	N201	-
	companyLocationPartnerName	string	Additional Location of same Business partner.	-	-	-
	mpcCompanyLocationIdentifierList	array	Identifier list for business party..	-	-	-
	isIdentifierPresentInEvent	boolean	Is identifier present in event boolean.	-	-	-
	companyIdentifierType	string	Company identifier type for business partner.	-	N103 PartyEntityType = Carrier then 93 Shipper then 94	-
	companyIdentifierValue	string	Company identifier value for business partner.	-	N104	-
	alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	-	-	-
	address	-	Party address information.	-	N3, N4,	-
	address1	string	Main street address.	-	N301	-
	address2	string	Supplemental street address.	-	N302	-
	city	string	City	-	N401	-
	district	string	District	-	N/A	-
	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	-	-	-
	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	-	-	-	-	-
	contactType	string	Contact type. Valid values include: - INFORMATION - Information contact - PRIMARY - Primary contact - RESPONSIBLE - Responsible person	-	-	-
	contactName	string	Contact name.	-	-	-
	contactTitle	string	Title of contact.	-	-	-
	contactPhone	string	Contact phone number.	-	-	-
	contactEmail	string	Contact email address.	-	-	-
	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.	-	-	-

Canonical Element			Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
		languageCode	string	ISO language code for message.	-	-	-
		referenceIdentifier	string	Partner reference identifier.	-	-	-
		orderType	string	Order Type.	-	-	-
		address3	string	Additional address information that is not included in addressTypeDefinition.	-	-	-
		address4	string	Additional address information that is not included in addressTypeDefinition.	-	-	-
		postalArea	string	Postal Area	-	-	-
		timeZone	string	Time zone for referenced dates.	-	-	-
		telephone	string	Telephone Number.	-	-	-
		emailAddress	string	Email Address.	-	-	-
		vatRegistrationNumber	string	Vat Registration Number.	-	-	-
		taxExemptCode	string	Tax exempt Code.	-	-	-
		locationType	string	Business Partner Location Type.	-	N405	-
		locationIdentifier	string	Business Partner location Identifier.	-	N406	-
		countrySubDivisionCode	string	Describes the country subdivision.	-	N407	-
		groceryProductInvoiceCarrierInformation	array	Invoice related carrier information.	-	G27 (	-
		carrierCode	string	Carrier code for shipper.	-	G2704	-
		equipmentPrefix	string	Prefix or alphabetic part of an equipment unit's identifying number.	-	G2702	-
		equipmentIdentifier	string	Sequencing or serial part of an equipment unit's identifying number.	-	G2703	-
		transportMethod	string	Transport method type. Valid values include: • TRUCK - Truck • CUSTOMERPICKUP - Customer pickup • GROUND - Motor • BESTWAY - Bestway	-	G2701 = • H (CUSTOMERPICKUP) Or • M (GROUND) Or • T (BESTWAY)	-
		routingDescription	string	Routing Description.	-	G2705	-
		orderStatusCode	string	Order or shipment status code.	-	G2706	-
		transactionReferenceIdentifierList	-	Transaction references for invoice carrier at header level.	-	-	-
		b2bTransactionIdentifierType	string	Referenced document type. Valid values include: • BOL - Bill of Lading Number • CARRIERREFERENCE - Carrier reference number	-	-	-
		b2bTransactionIdentifierValue	string	Reference order identifier value.	-	-	-
		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.	-	-	-
		groceryProductInvoiceCarrierInformation	array	Invoice related carrier information.	-	CAD (>=4060)	-
		carrierCode	string	Carrier code for shipper.	-	CAD04	-
		equipmentPrefix	string	Prefix or alphabetic part of an equipment unit's identifying number.	-	CAD02	-
		equipmentIdentifier	string	Sequencing or serial part of an equipment unit's identifying number.	-	CAD03	-
		transportMethod	string	Transport method type. Valid values include: • TRUCK - Truck • CUSTOMERPICKUP - Customer pickup • GROUND - Motor • BESTWAY - Bestway	-	CAD01 = • H (CUSTOMERPICKUP) Or • M (GROUND) Or • T (BESTWAY)	-
		routingDescription	string	Routing Description	-	CAD05	-
		orderStatusCode	string	Order or shipment status code	-	CAD06	-
		transactionReferenceIdentifierList	-	Transaction references for invoice carrier at header level	-	-	-

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	-	CAD07	-
		b2bTransactionIdentifierValue	string	Reference order identifier value for invoice identified by transactionReferenceIdentifierType.	-	CAD08	-
		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.	-	-	-
		termsOfPayment	array	Terms of payment looping group.	-	G23	-
		termsOfPaymentKey	string	Terms of payment.	-	-	-
		termsOfPaymentTypeCode	string	Code identifying type of payment terms. Valid values include: - BASIC - Basic terms of sale - DEFERRED - Deferred or installment - DISCOUNTNOTAPPLICABLE - Discount not applicable - ENDOFMONTH - End of month - EXTENDED - Extended terms - FIXEDDATE - Fixed date for payment - MIXED - Mixed terms	-	G2301 = 01 (BASIC) or 04 (DEFERRED) or 05 (DISCOUNTNOTAPPLICABLE) or 02 (ENDOFMONTH) or 07 (EXTENDED) or 03 (FIXEDDATE) or 06 (MIXED)	-
		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	-	G2302 = 1 (SHIPDATE) or 2 (DELIVERYDATE) or 3 (INVOICEDATE) or 5 (INVOICERECEIPTDATE) or 7 (EFFECTIVEDATE) or 09 (PURCHASEORDERDATE) or 15 (GOODSRECEIPTDATE)	-
		termsStartDate	string	The date when the payment terms begin (i.e. when the countdown for due dates or discounts starts)	-	G2303	-
		epochTermsStartDate	integer	The date when the payment terms begin in epoch integer date format.	-	-	-
		dueDateType	string	How the due date is designated—what rule or reference determines when payment is due. Valid values: - MAILEDDBY - Mailed by date - RECEIVEDBY - Received by date - EFTSETTLEMENT - Electronics Funds Transfer Settlement Date - FUNDSDEPOSITEDBY - Funds deposited by date	-	G2304 = 01 (MAILEDDBY) Or 02 (RECEIVEDBY) Or 03 (EFTSETTLEMENT) Or 04 (FUNDSDEPOSITEDBY)	-
		numberOfDays	string	Terms of payment: number of days	-	G2309	-
		discountDueNumberOfDays	number	Terms Discount Days Due. Number of days in the terms discount period by which payment is due if terms discount is earned.	-	G2307	-
		termsOfPaymentPercent	string	Terms of payment: percentage.	-	G2305	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
invoicePayablePercent	string	Percentage of invoice payable.	-	G2314	-
discountDueDate	string	Discount due date in string date format YYYY-MM-DD.	-	G2306	-
epochDiscountDueDate	integer	Discount due date in epoch integer date format.	-	-	-
discountedDueAmount	number	The actual amount the buyer needs to pay if they pay by the discount date.	-	G2311	-
discountBaseAmount	number	The base amount upon which the total term discount amount is calculated (this may not be equal to total invoice amount).	-	G2312	-
paymentDueDate	string	Due date for payment.	-	G2308	-
paymentDeferredToDate	string	Date deferred payment or percent of invoice payable is due.	-	-	-
epochPaymentDueDate	integer	Due date for payment generated in epoch integer date format.	-	-	-
epochPaymentDeferredToDate	integer	Date deferred payment or percent of invoice payable is due generated in epoch integer date format.	-	-	-
paymentDeferredDueAmount	string	Deferred amount due for payment.	-	-	-
description	string	Terms of payment description.	-	G2315	-
totalTermDiscountAmount	number	Terms of payment discount amount. Total amount of terms discount.	-	G2310	-
dayOfMonth	integer	The numeric value of the day of the month between 1 and the maximum day of the month being referenced.	-	-	-
deliveryTerms	array	Terms of delivery, transport or inco terms looping group.	-	G25 (FOB)	-
description	string	Description for inco term.	-	G2503	-
deliveryTermsConditionCode	string	Delivery Terms condition code.	-	-	-
shipmentChargePaymentMethodType	string	Method of payment for delivery. Valid values include: • ADVANCECOLLECT • ADVANCEPREPAID • BUYER • BUYERSELLERDEFINED • COLLECT • PREPAIDSELLER	-	G2501 = • CC (COLLECT) or • PA (ADVANCEPREPAID) or • PO (PREPAIDONLY) or • PP (PREPAIDSELLER) or • TP (THIRDPARTYPAY) or • CA (ADVANCECOLLECT) or • BP (BUYER) or	-
fobTransferLocation	string	Code specifying the type of location at which the risk of loss for the shipment transfers. Valid values: • CITY • PLANT • SHIPPINGDESTINATION • SHIPPINGORIGIN	-	G2502 = • 01 (CITY) Or • 02 (SHIPPINGDESTINATION) Or • 03 (PLANT) Or • 04 (SHIPPINGORIGIN)	-
deliveryTermCode	string	Delivery terms condition code. Valid values include: • INC01 - INCOTERMS part 1 • INC02 - INCOTERMS part 2	-	-	-
creditsAndCharges	array	Credits and charges on invoice including invoice total, discounts, allowances, promotions, services, and others.	-	G72 (Allowances and charges)	-
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	-	G7201	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values include: • ALLOWANCE • CHARGE • PROMOTION • REQUESTALLOWANCE	-		-
creditChargeType	string	Code representing type of credit or charge Valid values: • DISCOUNT - Discount • FREIGHT - Freight	-		-
creditChargeIdentifier	string	The identifier used to reference allowance or charge or promotion or deal.	-	G7203	-
creditChargeExceptionIdentifier	string	The unique number identifies an exception or modification to an offered or existing promotion.	-	G7204	-
creditChargeAmount	string	Total amount for the payment.	-	G7208	-
qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	-	-	-
creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	-	G7209	-
percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	-	-	-
creditChargeCurrencyCode	string	Currency code for credit or charge.	-	-	-
creditChargeHandlingCode	-	Method of handling for discount or charge. Valid values include: • ADVANCE • CANCELALLOWANCE • COLLECT • CREDITCUSTOMER • GROSSINVOICED • INFORMATION • PREPAID • RESELLERALLOWANCE • VENDORPAID	-	G7202	-
description	string	Description of credit or charge.	-	-	-
unitPriceAmount	string	Unit price amount.	-	G7205	-
unitPriceBasisQuantity	string	Quantity basis for the unit price.	-	-	-
itemQuantity	string	Item quantity.	-	G7206	-
unitOfMeasure	string	Base unit of measure or UOM for quantity of item in pack. Quantity UOMs valid values include: • CA - Case • EA - Each • UN - Unit	-	G7207	-
baseValue	string	-	-	-	-
creditChargeConditionType	string	Credit charge condition type	-	-	-
basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	-	G7210	-
creditChargeDescriptions	array	Credit charges description.	-	G73	-
description	string	descriptive information of credit or charges.	-	G7301	-
freeTextNote	array	Free text, instructions, notes, descriptions and other free text elements.	-	NTE	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
textReferenceCode	string	Text reference or subject code.	-	NTE01	-
textFunctionCode	string	Text function code.	-	-	-
language	string	Language key for message.	-	-	-
languageCode	string	ISO language code for message.	-	-	-
textFormatCode	string	Format code for free text.	-	-	-
freeFormText	string	Free text.	-	NT02	-
canonicalGroceryProductsInvoiceItemDetails	array	Invoice items details.	-	G17 Loop(required)	-
lineItemNumber	number	Line item number.	-	incremental number	-
packingUnits	number	Number of packing units at line item.	-	G2001	-
packSize	string	Size/weight/volume of each unit.	-	G2002	-
unitOfMeasure	string	Unit or Basis for Measurement Code. Size or weight or volume of each unit OZ - Oz	-	G2003	-
weightValue	string	Weight of product.	-	G2004	-
weightUOM	string	Weight unit of measure in master data for product. Valid values • LB • KG	-	G2005	-
volumeValue	number	Volume value.	-	G2006	-
volumeUOM	string	Volume unit of measure.	-	G2007	-
innerPackCount	String	Inner Pack count within a container.	-	G2009	-
priceBracketIdentifier	string	Identifier for the price bracket applied to an item, vendor-assigned.	-	G1709	-
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.	-	-	-
productCodeType	string	Code to qualify product identifier type. Some valid product types include: • UPC • VENDOR • VENDORPART	-	G1705 or G1707	-
productCodeValue	string	Products code identifier value.	-	G1704 when productCodeType = CASEUPC G1706 or G1708	-
productItemCodeType	string	Products item code type..	-	-	-
productItemInformation	array	Regulatory product description list. Defined as array to enable descriptions in multiple languages.	-	G69	-
productLanguageCode	string	Language for product description.	-	-	-
productName	string	Name of product.	-	G6901	-
genericName	string	Generic name for product.	-	-	-
productDescription	string	Description of the product defined by the current product identifier.	-	G6901	-
additionalItemInformation	array	Additional item information including status of units shipped.	-	G19	-
numberOfUnitsShipped	number	Number of units shipped..	-	G1901	-
unitOfMeasure	string	Unit or Basis for Measurement Code. Quantity UOM's include: • CA - Case • CP - Crate • CT - Carton	-	G1902	-
statusCodeForShipmentOrOrder	string	Status code for the order or shipment.	-	-	-
quantityDifference	number	Numeric value of variance between ordered and shipped quantities.	-	-	-
agencyCode	string	Agency defines the codes for item / products.	-	-	-
productDescriptionType	string	Item / Products description code type.	-	-	-
itemQuantity	array	Order quantity at line item level.	-	-	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
quantityType	string	Type of quantity recorded. Valid value: • INVOICE • SHIPPED	-	-	-
quantityValue	number	Quantity of product in delivery.	-	G1701 when quantityType = INVOICE G1710 when quantityType = SHIPPED	-
unitOfMeasure	string	Unit of measure for quantity value.	-	G1702 when quantityType = INVOICE G1711 when quantityType = SHIPPED	-
invoicePricing	array	Invoice price amounts for item.	-	-	-
pricingType	string	Pricing type for invoice item. Valid pricing types include: • GROSS • INVOICE	-	-	-
pricingAmount	string	Pricing amount for pricing type.	-	G1703 when pricingType = GROSS	-
currencyCode	string	Currency for pricing amount.	-	-	-
priceUOM	string	Unit of measure used for pricing at the order line item level.	-	-	-
transactionReferenceIdentifierList	array	Transaction references for deliveries at header level.	-	N9	-
b2bTransactionIdentifierType	string	Referenced document type.	-	N901	-
b2bTransactionIdentifierValue	string	Reference order identifier value for invoice.	-	N902	-
lineItemNumber	string	Line item number in transaction reference. Line item level only.	-	-	-
transactionDate	string	Date transaction created.	-	N904 & N905	-
epochTransactionDate	integer	Date transaction created in epoch integer date format.	-	-	-
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.	-	N9	-
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.	-	N901	-
transactionReferenceIdentifier	string	Transaction reference identifier value.	-	N902	-
description	string	Identifier or description.	-	N903	-
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.	-	N904 & N905	-
epochTransactionReferenceDate	integer	Transaction reference date and time in EPOCH date time format.	-	-	-
creditsAndCharges	array	Credits and charges on invoice including invoice total, discounts, allowances, promotions, services, and others.	-	G27	-
allowanceOrChargeCode	string	Allowance or charge code identifying the type of allowance or charge.	-	G7201	-
creditChargeKeyType	string	Key identifies credit or charges as discounts or additional charges. Valid values include: • ALLOWANCE • CHARGE • PROMOTION • REQUESTALLOWANCE	-	-	-
creditChargeType	string	Code representing type of credit or charge. Valid values: • DISCOUNT - Discount • FREIGHT - Freight	-	-	-
creditChargeIdentifier	string	The identifier used to reference allowance or charge or promotion or deal.	-	G7203	-

Canonical Element		Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
	creditChargeExceptionIdentifier	string	The unique number identifies an exception or modification to an offered or existing promotion.	-	G7204	-
	creditChargeAmount	string	Total amount for the payment.	-	G7208	-
	qualifyingAmount	string	Amount qualifying for cash discount, allowance, promotion, service or charge.	-	-	-
	creditChargePercentRate	string	Percentage rate for cash discount, allowance, promotion, service or charge.	-	G7209	-
	percentRateBasisTypeCode	string	Code indicating basis that allowance or charge percent is calculated.	-	-	-
	creditChargeCurrencyCode	string	Currency code for credit or charge.	-	-	-
	creditChargeHandlingCode	-	Method of handling for discount or charge. Valid values include: • OFFINVOICE - Off invoice • CREDITCUSTOMER - Credit customer account • VENDORPAID - Charge to be paid by vendor	-	G7202	-
	description	string	Description of credit or charge.	-	-	-
	unitPriceAmount	string	Unit price amount.	-	G7205	-
	unitPriceBasisQuantity	string	Quantity basis for the unit price.	-	N/A	-
	itemQuantity	string	Item quantity.	-	G7206	-
	unitOfMeasure	string	Base unit of measure or UOM for quantity of item in pack. Quantity UOMs valid values include: • CA - Case • EA - Each • UN - Unit	-	G7207	-
	baseValue	string	-	-	-	-
	creditChargeConditionType	string	Credit charge condition type.	-	-	-
	basisAmountForPercent	number	Base amount to be used in the percentage calculation of the allowance, charge, or tax.	-	G7210	-
	creditChargeDescriptions	array	Credit charges description.	-	-	-
	description	string	descriptive information of credit or charges.	-	G7301	-
	invoiceDates	array	Invoice reference dates at line item level.	-	-	-
	dateType	string	referenced date type.	-	-	-
	dateValue	string	Date defined by referenced date type.	-	-	-
	epochDateValue	integer	Date defined by referenced date type generated in epoch integer date format.	-	-	-
	timeZone	string	Time zone for referenced dates.	-	-	-
	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 key for message.	-	-	-
	languageCode	string	ISO language code for message.	-	-	-
	textFormatCode	string	Format code for free text.	-	-	-
	freeFormText	string	Free text array.	-	-	-
	canonicalGroceryProductsInvoiceSummary	array	Summary totals in invoice.	-	G31 & G33 (required)	-
	summaryType	string	Type of summary. Valid values include: • NUMBEROFITEMS • TOTALWEIGHT • TOTALVOLUME • TOTALNETAMOUNT	-	-	-

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
summaryValue	string	Value in summary to map it to summary total amounts or tax.	-	- G3101 when summaryType = NUMBEROFITEMS - G3103 when summaryType = TOTALWEIGHT - G3105 when summaryType = TOTALVOLUME - G3301 when summaryType = TOTALNETAMOUNT	-
summaryValueUnit	string	Unit of measure or currency or other unit for summary value.	-	- G3102 when summaryType = NUMBEROFITEMS - G3104 when summaryType = TOTALWEIGHT - G3106 when summaryType = TOTALVOLUME	-

Related Content



Forecast plan (IDoc)

Forecasting APIs allow companies to exchange data about anticipated product demand and supply availability with upstream supply chain Partners without giving these Partners access to their serialization system of record.

[View More](#)



Forecast plan (X12)

Forecasting APIs allow companies to exchange data about anticipated product demand and supply availability with upstream supply chain Partners without giving these Partners access to their serialization system of record.

[View More](#)



Forecast plan response (IDoc)

Forecasting APIs allow companies to exchange data about anticipated product demand and supply availability with downstream supply chain Partners without giving these Partners access to their serialization system of record.

[View More](#)