TRACELINK UNIVERSITY

Handling movement instructions canonical guidelines

The Handling Movement Instruction is an EDIFACT message that enables organizations to issue standardized movement and handling instructions to their supply chain partners. These instructions are sent to warehouses, distribution centers, or third-party logistics providers (3PLs). Standardizing handling instructions through the handling movement instruction message helps minimize manual processes, ensure consistent execution of inventory actions, and maintain compliance across all locations. It also supports traceability and audit readiness by providing a clear, documented record of inventory movements. By using handling movement instruction across sites, organizations can enhance operational efficiency and meet regulatory requirements within a tightly controlled supply chain environment.

Canonical guidelines

Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
data		JSon object type/root element.	–	–	–
controlFileHeader		Canonical control file header to store data for control segments and envelopes of IDocs, and X12 and EDIFACT EDI messages.	–	–	–
canonicalHandlingMovementInstructionHeader		Handling movement Instruction header.	–	–	Segment BGM

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
processingFunctionTypeCode	string	Processing function, transaction set purpose code. Valid values include: - • ORIGINAL • CHANGE • CANCEL • REPLACE Use Java call-out table CL_ProcessingFunctionTypeCode.txt.	–	–	BGM030 = • 1 (CANCEL) or • 2 (CREATE) or • 3 (DELETE) or • 4 (CHANGE) or • 5 (REPLACE) or • 6 (CONFIRM) or • 7 (DUPLICATE) or • 8 (STATUS) or • 9 (ORIGINAL) or • 11 (RESPONSE) or • 13 (REQUEST) or • 14 (ADVANCENOTIFICATION) or • 16 (PROPOSED) or • 55 (INFORMATION) Use Java call-out table CL_ProcessingFunctionTypeCode.txt column EDIFACT BGM030
messageTypeIdentifierCode	string	Code identifying purpose of EDI message.	–	–	BGM010-010 • 90E = Cargo/goods handling and movement message (DANONE EANCOM version D96A) • 738 = Cargo/goods handling and movement message (DANONE version D01B)
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	BGM010-030
warehouseIdentifier	string	Warehouse id.	–	–	–
transactionReferenceIdentifierList	array	Transaction reference identifier list for the handling movement instructions at the header level that affects the entire message, mapped to TL's transactionb identifier type.	–	–	Segment BGM
b2bTransactionIdentifierType	string	Referenced document type. Valid value is HANDLINGMOVEMENTINSTRUCTION.	–	–	BGM010-010 = 90E (HANDLINGMOVEMENTINSTRUCTION)
b2bTransactionIdentifierValue	string	Document identifier for transaction referenced by b2bTransactionIdentifierType.	–	–	BGM020-010
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.	–	–	–
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
mpcDates	array	Dates for goods handling and movement instructions mapping to header level date segment. Specifies a date or a time zone, or both.	–	–	Segment DTM
dateType	string	Date type at header level for goods handling and movement instruction. Valid values include: - • SHIPMENTREQUESTED • DOCUMENT • ORDERCOMPLETE • TIMEZONE • ENDSOFTQUARANTINE • ENDPOSITIVERELEASE Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 = • 2 (REQUESTEDDELIVERY) OR • 137 (DOCUMENT) or • Z05 (TIMEZONE) or • Z13 (ENDSOFTQUARANTINE) or • Z14 (ENDPOSITIVERELEASE) Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
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.	–	–	If dateType = Z05, map time zone to/from DTM010-020
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
handlingMovementInstruction	array	Instance 1 of the handling movement instructions group mapping to header level handlng instructions segment. Information on general handling instructions for goods, products, containers, and other articles that apply to the entire message, e.g. blocking, unblocking or scrapping of pallets, assembly and/or preparation of goods for shipment.	–	–	Segment HAN
handlingInstructionCode	string	Handling instruction description code. Valid values include: • BLOCKPALLET • CHANGEPALLET • FROZEN • MOVEINSTRUCTIONS • PACKINSTRUCTIONS • SCRAPPALLET • SHIPMENT • UNBLOCKPALLET Use Java call-out table CL_HandlingInstructionCode.txt.	–	–	HAN010-010 Danone: HAN010-010 = • DES (SCRAPPALLET) or • X2 (BLOCKPALLET) or • X3 (UNBLOCKPALLET) or • Z01 (CHANGEPALLET) Use Java call-out table CL_HandlingInstructionCode.txt.
instructionIdentifier	string	Identification code defined by a user or organization maintained code list, ie, GS1. Codes for this data element are provided by attribute agencyCode.	–	–	HAN010-020
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	HAN010-030
description	string	Description of the handling movement status code.	–	–	STS020-040 Segment group 3, no loop, child of RFF loop group 2
freeTextNote	array	Ship to party company identifiers and address information.	–	–	Segment FTX
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	–	–	FTX010 = • GRA (GRADINGCODE) or • WHI (WMSINSTRUCTIONS) or • Z10 (LOCALSTATUS) or pass thru mapping
textFunctionCode	string	Text function code. Will map whatever is found.	–	–	–
language	string	Language of free text	–	–	–
textFormatCode	string	Format code for free text	–	–	–
freeText	string	Free test string	–	–	FTX040-010 If FTX010 = GRA, validate against list of values in Appendix 2, Danone guidelines Else pass-thru mapping
	array	A looping group of segments with references and other data that apply to the entire message.	–	–	Segment loop group 2 RFF - All versions

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
transactionReferenceType	string	Referenced document type. Valid values include: • HANDLINGMOVEMENTINSTRUCTION • CONTRACT • CUSTOMERREFERENCE • PURCHASEORDER Use java call-out to lookup table CL_B2BTransactionIdentifierType.txt	–	–	RFF010-010 Use java call-out to lookup table CL_B2BTransactionIdentifierType.txt
transactionReferenceIdentifier	string	Document identifier for transaction referenced by b2bTransactionIdentifierType	–	–	RFF010-020
handlingMovementInstructionDates	array	Dates relevant for the handling movement instruction references that apply to the entire message.	–	–	Segment DTM child of RFF loop
dateType	string	Date type at for handling movement relevant instruction dates. Valid values include: • HANDLINGMOVEMENTINSTRUCTION • CONTRACT • CUSTOMERREFERENCE • PURCHASEORDER Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)
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.	–	–	If dateType = Z05, map time zone to/from DTM010-020
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt.	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
handlingMovementInstructionStatus	–	Status information for handling movement Instruction at header level.	–	–	STS segment child of RFF loop
transactionStatusCategory	string	Category for the handling movement instruction status code Use java call-out to lookup table CL_TransactionStatusCategory.txt.	–	–	STS010-010 Use java call-out to lookup table CL_TransactionStatusCategory
transactionStatusCode	string	Status code for the handling movement instruction Use java call-out to lookup table CL_TransactionStatusCode.txt.	–	–	STS020-010 Use java call-out to lookup table CL_TransactionStatusCode.txt
description	string	Description of the handling movement status code.	–	–	STS020-040 Segment group 3, no loop, child of RFF loop group 2
transactionStatusReasonInformation	array	Transaction status reason information for handling movement instructions.	–	–	STS segment child of RFF loop. Status reasons may occur up to 5 times and map to multiple elements on the EDIFACT side.
transactionStatusReasonCode	string	Category for the handling movement instruction status code Use java call-out to lookup table CL_TransactionStatusReasonCode.txt.	–	–	STS030-010 STS040-010 STS050-010 STS060-010 STS070-010
description	string	Description of reason code.	–	–	STS030-040 STS040-040 STS050-040 STS060-040 STS070-040
statusDates	array	Dates relevant to the status and reason codes for the goods handling and movement instruction at the header level.	–	–	Segment DTM in STS group 3 of RFF loop group 2

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
dateType	string	Date type for status relevant dates. Valid values include: • DELIVERY • DOCUMENT • PURCHASEORDER • SHIPPED Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)
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	–	–	If dateType = Z05, map time zone to/from DTM010-020
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
handlingMovementInstruction	array	Instance 2 handling Instruction group mapping to/from STS group 3 in RFF loop group 2.	–	–	Segment HAN in STS group 3 of RFF loop group 2
handlingInstructionCode	string	Handling instruction description code. Valid values include: • BLOCKPALLET • CHANGEPALLET • FROZEN • MOVEINSTRUCTIONS • PACKINSTRUCTIONS • SCRAPPALLET • SHIPMENT • UNBLOCKPALLET Use Java call-out table CL_HandlingInstructionCode.txt.	–	–	HAN010-010 Danone: HAN010-010 = • DES (SCRAPPALLET) or • X2 (BLOCKPALLET) or • X3 (UNBLOCKPALLET) or • Z01 (CHANGEPALLET) Use Java call-out table CL_HandlingInstructionCode.txt.
instructionIdentifier	string	Identification code defined by a user or organization maintained code list, ie, GS1. Codes for this data element are provided by attribute agencyCode.	–	–	HAN010-020
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	HAN010-030
description	string	Description of the handling movement status code	–	–	STS020-040 Segment group 3, no loop, child of RFF loop group 2
freeTextNote	array	Free text noe for status and reason codes for handling instructions at header level.	–	–	Segment FTX in STS group 3 of RFF loop group 2
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	–	–	FTX010 = • GRA (GRADINGCODE) or • WHI (WMSINSTRUCTIONS) or • Z10 (LOCALSTATUS) or pass thru mapping
textFunctionCode	string	Text function code. Will map whatever is found.	–	–	–
language	string	Language of free text	–	–	–
textFormatCode	string	Format code for free text	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
freeText	string	Free test string	–	–	FTX040-010 If FTX010 = GRA, validate against list of values in Appendix 2, Danone guidelines Else pass-thru mapping
logisticsServiceProviderBusinessInformation	–	Logistics service provider identifier and location address information (WMS).	–	–	NAD010 = "LSP" - all versions
businessName	string	Business name for partner or location	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name	–	–	CTA020-020
contactTitle	string	Title of contact	–	–	–
contactPhone	string	Contact phone number	–	–	COM010-010 where COM010-020 = "TE"

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactEmail	string	Contact email address	–	–	COM010-010 where COM010-020 = "EM"
referenceLocation	array	Relevant locations or places for business partner. Can be used to indicate the location of goods relevant to the business party. Can also be used to indicate movement of goods from one location to another.	–	–	Segment loop NAD/LOC - GS1 and EDIFACT versions only
referenceLocationType	string	Reference location type. Valid values include: • DELIVERY • GOODSRECEIPT • ITEMSTORAGE • PACKING • LOADING • COUNTRYOFDESTINATION • COUNTRYOFORIGIN Use Java call-out table CL_LocationPlaceType.	–	–	LOC010 Use Java call-out table CL_LocationPlaceType
locationIdentifier	string	Location identifier as defined by referenceLocationType.	–	–	LOC020-010
codeListIdentifier	string	Code list identifier maintained by agency or organization identified in codeListResponsibleAgencyType..	–	–	LOC020-020
agencyCode	string	Code for agency responsible for the code list used for the codeListIdentifier.	–	–	LOC020-030
transactionReferenceInformation	array	Transactions or documents association with the locations referenced with the current business party.	–	–	Segment loop NAD-RFF - all versions
transactionReferenceType	string	Referenced document type. Valid value is HANDLINGMOVEMENTINSTRUCTION. Use java call-out to table CL_TransactionReferenceType.txt.	–	–	RFF010-010 = HN (HANDLINGMOVEMENTINSTRUCTION) Use java call-out to table CL_TransactionReferenceType.txt
transactionReferenceIdentifier	string	Document identifier for transaction referenced by b2bTransactionIdentifierType.	–	–	RFF010-020
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	–	–	–
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	string	Transaction reference date and time in EPOCH date time format.	–	–	–
mpcDates	array	Dates for goods handling and movement instructions. Specifies a date or a time zone, or both.	–	–	Segment DTM
dateType	string	Date type for the transaction reference associated with the party identifier and address information. Valid values includes: • REQUESTEDDELIVERY • DOCUMENT Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 = • 2 (REQUESTEDDELIVERY) OR • 137 (DOCUMENT) Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)
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	–	–	If dateType = Z05, map time zone to/from DTM010-020

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
instructionSenderBusinessInformation	–	Logistics service provider identifier and location address information (WMS)).	–	–	NAD010 = "PO"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
referenceLocation	array	Relevant locations for business partner. Can be used to indicate the location of goods relevant to the business party. Can also be used to indicate movement of goods from one location to another.	–	–	Segment NAD/LOC - GS1 and EDIFACT versions only
referenceLocationType	string	Reference location type for goods. Valid values include: • ITEMSTORAGE • MOVEMENTTO • PLANT • PICKUP • PORTOFCALL • LOADING Use Java call-out table CL_ReferenceLocationType.txt.	–	–	LOC010 Use Java call-out table CL_ReferenceLocationType.txt
locationIdentifier	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	LOC020-010
codeListIdentifier	string	Code list identifier maintained by agency or organization identified in codeListResponsibleAgencyType.	–	–	LOC020-030
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	LOC020-020
transactionReferenceInformation	array	Transactions or documents association with the locations referenced with the current business party.	–	–	Segment loop NAD-RFF - all versions
transactionReferenceType	string	Referenced document type. Valid value is HANDLINGMOVEMENTINSTRUCTION. Use java call-out to table CL_TransactionReferenceType.txt.	–	–	RFF010-010 = HN (HANDLINGMOVEMENTINSTRUCTION) Use java call-out to table CL_TransactionReferenceType.txt
transactionReferenceIdentifier	string	Document identifier for transaction referenced by b2bTransactionIdentifierType	–	–	RFF010-020
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02)	–	–	–
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	string	Transaction reference date and time in EPOCH date time format.	–	–	–
mpcDates	array	Dates for goods handling and movement instructions. Specifies a date or a time zone, or both.	–	–	Segment DTM
dateType	string	Date type for the transaction reference associated with the party identifier and address information. Valid values includes: • REQUESTEDDELIVERY • DOCUMENT Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 = • 2 (REQUESTEDDELIVERY) OR • 137 (DOCUMENT) Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
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.	–	–	If dateType = Z05, map time zone to/from DTM010-020
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt.	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
buyerPartyBusinessInformation		Buyer business party identifier and location address information (WMS)).	–	–	NAD010 = "BY"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	– –
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	– –
address	–	Party address information.	–	–	– –
address1	string	Main street address.	–	–	– –
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
language	string	Language key for message.	–	–	–
languageCode	string	ISO language code for message.	–	–	–
referenceIdentifier	string	Partner reference identifier.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
deliveryPartyBusinessInformation	–	Delivery party business identifier and location address information.	–	–	NAD010 = "DP"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
referenceIdentifier	string	Partner reference identifier.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
orderedByPartyBusinessInformation		Warehouse management system managing partner business identifier and location address information (WMS)).	–	–	NAD010 = "OB"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
customerBusinessInformation	–	Customer party company identifiers and address information.	–	–	Do not map
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.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt.	–	–	–
companyIdentifierValue	string	Company identifier value for business partner.	–	–	–
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	–
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	–
address2	string	Supplemental street address.	–	–	–
city	string	City.	–	–	–
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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	–
contactName	string	Contact name.	–	–	–
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	–
contactEmail	string	Contact email address.	–	–	–
manufacturerBusinessInformation		Supplier party company identifiers and address information.	–	–	NAD010 = "MF"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
supplierBusinessInformation	–	Supplier party company identifiers and address information.	–	–	NAD010 = "SU"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
shipToLocationInformation	–	Ship to party company identifiers and address information.	–	–	NAD010 = "ST"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
responsibleWarehousePartyBusinessInformation		Warehouse keeper. Party that has responsibility for goods entered into a warehouse.	–	–	NAD010 = "WH"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
referenceLocation	array	Relevant locations for business partner. Can be used to indicate the location of goods relevant to the business party. Can also be used to indicate movement of goods from one location to another.	–	–	Segment NAD/LOC - GS1 and EDIFACT versions only
referenceLocationType	string	Reference location type for goods. Valid values include: • ITEMSTORAGE • MOVEMENTTO • PLANT • PICKUP • PORTOFCALL • LOADING Use Java call-out table CL_ReferenceLocationType.txt.	–	–	LOC010 Use Java call-out table CL_ReferenceLocationType.txt
locationIdentifier	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	LOC020-010
codeListIdentifier	string	Code list identifier maintained by agency or organization identified in codeListResponsibleAgencyType.	–	–	LOC020-030
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	LOC020-020
transactionReferenceInformation	array	Transactions or documents association with the locations referenced with the current business party	–	–	Segment loop NAD-RFF - all versions
transactionReferenceType	string	Referenced document type. Valid values includes: HANDLINGMOVEMENTINSTRUCTION Use java call-out to table CL_TransactionReferenceType.txt	–	–	RFF010-010 = HN (HANDLINGMOVEMENTINSTRUCTION) Use java call-out to table CL_TransactionReferenceType.txt
transactionReferenceIdentifier	string	Document identifier for transaction referenced by b2bTransactionIdentifierType.	–	–	RFF010-020
lineItemNumber	string	Line item number in customer purchase order. Line item level only.	–	–	–
description	string	Identifier or description defined by qualifier code in transactionReferenceIdentifier (REF02).	–	–	–
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	string	Transaction reference date and time in EPOCH date time format.	–	–	–
mpcDates	array	Dates for goods handling and movement instructions. Specifies a date or a time zone, or both.	–	–	Segment DTM
dateType	string	Date type for the transaction reference associated with the party identifier and address information. Valid values includes: • REQUESTEDDELIVERY • DOCUMENT Use Java call-out table CL_DateType.txt.	–	–	DTM010-010 = • 2 (REQUESTEDDELIVERY) OR • 137 (DOCUMENT) Use Java call-out table CL_DateType.txt.
dateValue	string	Date for goods handling and movement instructions defined by referenced date formats in attribute dateTimePeriodFormat.	–	–	DTM010-020 Do not map to/from dateValue If dateType = Z05 (TIMEZONE)

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
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.	–	–	If dateType = Z05, map time zone to/from DTM010-020
dateTimePeriodFormat	string	Date and/or time format code. Valid values include: • DDMMCCYY - Day/Month/Century/Year • CCYYMMDD - Century/Year/Month/Day • DDMMCCYYHHMM - Day/Month/Century/Year/Hours/Minutes • CCYYMMDDTHHMM - Century/Year/Month/Day/T/Hours/Minutes • HOURS - Number of hours (duration) Use Java call-out to table CL_dateTimePeriodFormat.txt	–	–	DTM010-030 Use Java call-out to table CL_dateTimePeriodFormat.txt For Danone: if dateType = MESSAGE or ENDSOFTQUARANTINE or ENDPOSITIVERELEASE, map 102 (YYYYMMDD) If dateType = REQUESTEDDELIVERY, map 203 (YYYYMMDDHHMM) If dateType = TIMEZONE, map 805 (Hours)
carrierInformation	array	Carrier party company identifiers and address information.	–	–	NAD010 = "CA"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	external ERP system user name for user who generated message.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = AC (PRIMARY) or OC (ORDERCONTACT) or PM (PRODUCTMANAGER)

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	N/A
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system but may be passed outbound. Header level.	–	–	–
name	string	Name of mapped field.	–	–	–
value	string	Value in named field.	–	–	–
canonicalHandlingMovementInstructionItemDetails	array	Canonical handling movement instructions item details.	–	–	Segment Loop Group 12 LIN
lineItemNumber	string	Line item number for handling movement instructions detail level.	–	–	LIN010
processingFunctionTypeCode	string	Processing function, transaction set purpose code. Valid values include: • ITEMADDED • DELETE • ITEMCHANGED • NONE Use Java call-out table CL_ProcessingFunctionTypeCode.txt	–	–	LIN020 = • 1 (ITEMADDED) • 2 (DELETE) • 3 (ITEMCHANGED) • 4 (NONE) • 11 (ITEMNOTCHANGED) • 37 (CANCEL) • 38 (REPLACE) • 39 (CREATE) • 41 (PROPOSED) Use Java call-out table CL_ProcessingFunctionTypeCode.txt column EDIFACT LIN020
productCodesIdentifiers(1)		Instance 1 product code identifiers mapping to segment LIN.	–	–	Segment Loop Group 12 LIN
productCodeType	string	Code to qualify product identifier type. Some valid product types include: • CUSTOMER • GTIN14 • MANUFACTURERPART • UPC • VENDOR • VENDORPART Use Java call-out table CL_ProductCodeType.txt	–	–	LIN030-020 Use Java call-out table CL_ProductCodeType.txt. If productType = EN, map EAN2551. Else map any one instance.
productCodeValue	string	Product code identifier value.	–	–	LIN030-010
productCodesIdentifiers(2)	array	Instance 2 product code identifiers mapping to segment PIA.	–	–	Segment PIA in group 13 of looping group 12 LIN
productCodeType	string	Code to qualify product identifier type. Some valid product types include: - • CUSTOMER • GTIN14 • MANUFACTURERPART • UPC • VENDOR • VENDORPART Use Java call-out table CL_ProductCodeType.txt	–	–	PIA020-010 Use Java call-out table CL_ProductCodeType.txt. If productType = EN, map EAN2551. Else map any one instance.
productCodeValue	string	Product code identifier value	–	–	PIA010
productItemInformation	array	Product item descriptions and information	–	–	Segment IMD in group 13 of looping group 12 LIN
productLanguageCode	string	Language for product description	–	–	IMD030-060
productName	string	Name of product	–	–	IMD030-040
genericName	string	Generic name for product	–	–	–
productDescription	string	Description of the product defined by the current product identifier	–	–	IMD030-050

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
transactionStatusInformation	–	Status information for handling movement instructions at header level.	–	–	Segment STS in group 13 of looping group 12 LIN
transactionStatusCategory	string	Category for the handling movement instruction status code Use java call-out to lookup table CL_TransactionStatusCategory.txt	–	–	STS010-010 Segment group 3, no loop, child of RFF loop group 2 Use java call-out to lookup table CL_TransactionStatusCategory.txt
transactionStatusCode	string	Status code for the handling movement instruction Use java call-out to lookup table CL_TransactionStatusCode.txt	–	–	STS020-010 Segment group 3, no loop, child of RFF loop group 2 Use java call-out to lookup table CL_TransactionStatusCode.txt
description	string	Description of the handling movement status code	–	–	STS020-040 Segment group 3, no loop, child of RFF loop group 2
transactionStatusReasonInformation	array	Transaction status reason information for handling movement instructions.	–	–	STS segment group 3 in RFF loop group 2
transactionStatusReasonCode	string	Category for the handling movement instruction status code	–	–	STS030-010 Segment group 3, no loop, child of RFF loop group 2
description	string	Description of reason code	–	–	STS030-040
handlingMovementInstruction	array	Handling movement instructions group mapping to line item level. General handling instructions for goods, products, containers, and other articles.	–	–	Segment HAN in group 13 of looping group 12 LIN
handlingInstructionCode	string	Handling instruction description code. Valid values include: • BLOCKPALLET • CHANGEPALLET • FROZEN • MOVEINSTRUCTIONS • PACKINSTRUCTIONS • SCRAPPALLET • SHIPMENT • UNBLOCKPALLET Use Java call-out table CL_HandlingInstructionCode.txt.	–	–	HAN010-010 Danone: HAN010-010 = • DES (SCRAPPALLET) or • X2 (BLOCKPALLET) or • X3 (UNBLOCKPALLET) or • Z01 (CHANGEPALLET) Use Java call-out table CL_HandlingInstructionCode.txt.
instructionIdentifier	string	Identification code defined by a user or organization maintained code list, ie, GS1. Codes for this data element are provided by attribute agencyCode.	–	–	HAN010-020
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	HAN010-030
description	string	Description of the handling movement status code	–	–	STS020-040 Segment group 3, no loop, child of RFF loop group 2
buyerPartyBusinessInformation	–	Buyer business party identifier and location address information (WMS) at the line item level.	–	–	NAD010 = "BY"
businessName	string	Business name for partner or location	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address		Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name	–	–	CTA020-020
contactTitle	string	Title of contact	–	–	–
contactPhone	string	Contact phone number	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address	–	–	COM010-010 where COM010-020 = "EM"
deliveryPartyBusinessInformation	–	Delivery party business identifier and location address information at the line item level.	–	–	NAD010 = "DP"
businessName	string	Business name for partner or location	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner			NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
supplierBusinessInformation		Supplier party company identifiers and address information.	–	–	NAD010 = "SU"
businessName	string	Business name for partner or location	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	Company identifier type for business partner. Valid values include: • DUNS • DEA • HIN • COMPANYID • COMPANYSITEID • GLN Use java call-out table CL_CompanyIdentifierType.txt.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
manufacturerBusinessInformation	–	Manufacturer party company identifiers and address information, line item level.	–	–	NAD010 = "MF"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	external ERP system user name for user who generated message.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
mpcAdditionalAddressInformation	–	Additional address information that is not included in addressTypeDefinition.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
carrierInformation	array	Carrier party company identifiers and address information.	–	–	NAD010 = "CA"
businessName	string	Business name for partner or location.	–	–	NAD040-010
additionalBusinessName	string	Additional business name or overflow of business name.	–	–	NAD040-020
mpcCompanyLocationIdentifierList	array	Identifier list for business party.	–	–	–
companyIdentifierType	string	external ERP system user name for user who generated message.	–	–	NAD020-030 Use java call-out table CL_CompanyIdentifierType.txt
companyIdentifierValue	string	Company identifier value for business partner.	–	–	NAD020-010
alternateCompanyLocationIdentifierValue	string	Alternate company location identifier value.	–	–	–
agencyCode	string	Code identifying the global or national agency responsible for the message format. Pass thru mapping, ie, 9 = GS1.	–	–	NAD020-030
address	–	Party address information.	–	–	–
address1	string	Main street address.	–	–	NAD050-010
address2	string	Supplemental street address.	–	–	NAD050-020
city	string	City.	–	–	NAD060
state	string	State or region code.	–	–	NAD070-010
postalCode	string	Postal code.	–	–	NAD080
country	string	Country code.	–	–	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.	–	–	–
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.	–	–	–
companyLocationContactInformation	–	–	–	–	Segment loop NAD-CTA

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
contactType	string	Contact type. Pass thru mapping for EDIFACT. Valid values: • PRIMARY • ORDERCONTACT • PRODUCTMANAGER	–	–	CTA010 = • AC (PRIMARY) or • OC (ORDERCONTACT) or • PM (PRODUCTMANAGER)
contactName	string	Contact name.	–	–	CTA020-020
contactTitle	string	Title of contact.	–	–	–
contactPhone	string	Contact phone number.	–	–	COM010-010 where COM010-020 = "TE"
contactEmail	string	Contact email address.	–	–	COM010-010 where COM010-020 = "EM"
itemQuantity	array	–	–	–	Segment QTY in group 13 of looping group 12 LIN
quantityType	string	Type of quantity recorded. Values hard coded in map by field context. Valid values include: • ITEM • INNERCONTAINERS • PACKAGED Use java call-out table CL_QuantityType.txt	–	–	QTY010 Use java call-out table CL_QuantityType.txt
quantityValue	number	Quantity of product at PO line item.	–	–	QTY020
unitOfMeasure	string	Unit of measure for quantity value Use java call-out table UOM_TableLookup2.txt.	–	–	QTY030-10
freeTextNote	array	Ship to party company identifiers and address information.	–	–	Segment FTX in group 13 of looping group 12 LIN
textReferenceCode	string	Text reference or subject code. Will map whatever is found.	–	–	FTX010 = • GRA (GRADINGCODE) or • WHI (WMSINSTRUCTIONS) or • Z10 (LOCALSTATUS) or pass thru mapping
textFunctionCode	string	Text function code. Will map whatever is found.	–	–	–
language	string	Language of free text.	–	–	–
textFormatCode	string	Format code for free text.	–	–	–
freeText	string	Free test string.	–	–	FTX040-010 If FTX010 = GRA, validate against list of values in Appendix 2, Danone guidelines Else pass-thru mapping
packagingTypeDetails	–	Packaging type details for the handling movement instructions.	–	–	Segment PAC in looping group LIN
packingQuantity	number	Package quantity specifying the number of packages.	–	–	PAC010
packagingTypeCode	string	Packaging type code as defined by the code list identified in the responsible agency code attribute. Pass thru mapping.	–	–	PAC030-010
agencyCode	string	Agency code list defining the packaging type code. Pass thru mapping.	–	–	PAC030-030
packageMarkingInstruction	array	Handling movement status reason group.	–	–	Segment PCI in in looping group LIN/PAC
markingInstructionCode	string	Code specifying instructions for marking or labeling of package. Valid values include: • EAN • LEGAL • SHIPMENT • SSCC • GINC • GRAI	–	–	Segment PCI in group 19 of group 18 PAC in loop group 12 LIN PCI010 Use java call-out table CL_MarkingInstructions.txt
packagingGoodsIdentifiers	array	Packaging/goods identifier information.	–	–	Segment GIN in looping group LIN/PAC/PCI
packagingGoodsIdentifierType	string	Packaging goods identifier type. Valid values include:	–	–	GIN010 Use java call-out table CL_PackagingGoodsIdentifierType.txt
packagingGoodsIdentifiersList	array	List of either up to 5 packaging goods identifiers or for up to 5 number ranges for packing list identifiers.	–	–	–

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Canonical Element	Type Definition	Description	IDoc mapping	X12 mapping	EDIFACT mapping
packagingGoodsIdentifier	string	Packaging goods identifier value. For a number range, this would be the from identifier value.	–	–	GIN020-010 GIN030-010 GIN040-010 GIN050-010 GIN060-010
packagingGoodsIdentifierTo	string	Packaging goods identifier value to number if a number range is provided.	–	–	GIN020-020 GIN030-020 GIN040-020 GIN050-020 GIN060-020
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system but may be passed outbound. Line item level.	–	–	–
name	string	Name of mapped field.	–	–	–
value	string	Value in named field.	–	–	–
customFields	array	Name value pairs for mapping pass through elements that will not be processed in TL system but may be passed outbound. Line item level.	–	–	–
name	string	Name of mapped field.	–	–	–
value	string	Value in named field.	–	–	–

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