

EDI guidelines

ORDERS D 96A - KRAMP



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1 Introduction

The following documentation contains the description of the EDI message "Orders D96 A" as used for an exchange of order messages between Kramp and its trading partners.

With the EDIFACT ORDERS D96 A, the order data are transferred in a quick, safe and economic manner.

General explanations and definitions regarding EDIFACT are omitted here as well as listing advantages of electronic data interchange. This information can be found in manuals treating EDI.

Please also take notice that the Orders Implementation Guide document only describes the definition of the individual fields of the ORDERS message and its characteristic for Kramp.

2 Schema structure

Name	Level	Max Occ.	Content
UNH	1	1	MESSAGE HEADER
BGM	1	1	BEGINNING OF MESSAGE
DTM	1	1	DATE/TIME/PERIOD
FTX	1	1	FREE TEXT
SG1	1	1	
RFF	2	1	REFERENCE
SG2	1	4	
NAD	2	1	NAME AND ADDRESS
SG5	2	1	
CTA	3	1	CONTACT INFORMATION
COM	3	1	COMMUNICATION CONTACT
SG7	1	1	
CUX	2	1	CURRENCIES
SG25	1	-1	
LIN	2	1	LINE ITEM
PIA	2	2	ADDITIONAL PRODUCT ID
IMD	2	1	ITEM DESCRIPTION
QTY	2	1	QUANTITY
DTM	2	1	DATE/TIME/PERIOD
MOA	2	1	MONETARY AMOUNT
SG28	2	1	
PRI	3	1	PRICE DETAILS
SG35	2	1	
NAD	3	1	NAME AND ADDRESS
UNS	1	1	SECTION CONTROL
UNT	1	1	MESSAGE TRAILER

3 UNA (Message delimiters)

Message delimiters

This segment is optional here.
Max. occurrences is 1.

4 UNB (INTERCHANGE HEADER)

To start, identify and specify an interchange.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
S001	SYNTAX IDENTIFIER	M	M	<p>Identification of the agency controlling the syntax and indication of syntax level, plus the syntax version number.</p> <p>Max. occurrences is 1.</p>				
0001	Syntax identifier	M A4	M A4	<p>Coded identification of the agency controlling a syntax and syntax level used in an interchange.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>UNOC</td> <td>UN/ECE level C</td> </tr> </tbody> </table> <p>As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.</p>	Code	Description	UNOC	UN/ECE level C
Code	Description							
UNOC	UN/ECE level C							
0002	Syntax version number	M N1	M N1	<p>Version number of the syntax identified in the syntax identifier (0001)</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Version 3</td> </tr> </tbody> </table> <p>ISO 9735 Amendment 1:1992.</p>	Code	Description	3	Version 3
Code	Description							
3	Version 3							
S002	INTERCHANGE SENDER	M	M	<p>Identification of the sender of the interchange.</p> <p>Max. occurrences is 1.</p>				
0004	Sender identification	M AN..35	M AN..35	Name or coded representation of the sender of a data interchange.				
0007	Partner identification	O AN..4	O AN..4	Qualifier referring to the source of codes for the identifiers of interchanging partners.				

Label	Name	Standard	Impl	Comment				
	code qualifier			<table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>14</td> <td> GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System. </td> </tr> </tbody> </table>	Code	Description	14	GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.
Code	Description							
14	GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.							
S003	INTERCHANG E RECIPIENT	M	M	Identification of the recipient of the interchange. Max. occurrences is 1.				
0010	Recipient identification	M AN..35	M AN..35	Name or coded representation of the recipient of a data interchange.				
0007	Partner identification code qualifier	O AN..4	O AN..4	Qualifier referring to the source of codes for the identifiers of interchanging partners. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>14</td> <td> GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System. </td> </tr> </tbody> </table>	Code	Description	14	GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.
Code	Description							
14	GS1 Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.							
S004	DATE/TIME OF PREPARATIO N	M	M	Date/time of preparation of the interchange. Max. occurrences is 1.				
0020	Interchange control reference	M AN..14	M AN..14	Unique reference assigned by the sender to an interchange.				
0026	Application reference	O AN..14	O AN..14	NOT USED				
0029	Processing priority code	O A1	O A1	NOT USED				

Label	Name	Standard	Impl	Comment						
0031	Acknowledgement request	O N1	M N1	<p>Code determined by the sender for acknowledgement of the interchange.</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Requested Acknowledgement is requested.</td> </tr> <tr> <td>0</td> <td>Not requested Not requested</td> </tr> </tbody> </table>	Code	Description	1	Requested Acknowledgement is requested.	0	Not requested Not requested
Code	Description									
1	Requested Acknowledgement is requested.									
0	Not requested Not requested									
0035	Test indicator	O N1	M N1	<p>Indication that the interchange is a test.</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Interchange is a test Indicates that the interchange is a test.</td> </tr> <tr> <td>0</td> <td>Interchange is a production message Interchange is a production message.</td> </tr> </tbody> </table>	Code	Description	1	Interchange is a test Indicates that the interchange is a test.	0	Interchange is a production message Interchange is a production message.
Code	Description									
1	Interchange is a test Indicates that the interchange is a test.									
0	Interchange is a production message Interchange is a production message.									

5 Message

This segment group is mandatory here.
Max. occurrences is 1.

UNH (MESSAGE HEADER)

To head, identify and specify a message.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
0062	Message reference number	M AN..14	M AN..14	Unique message reference assigned by the sender.				
S009	MESSAGE IDENTIFIER	M	M	Identification of the type, version etc. of the message being interchanged. Max. occurrences is 1.				
0065	Message type	M AN..6	M AN..6	Code identifying a type of message and assigned by its controlling agency. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ORDERS</td> <td>Purchase order message</td> </tr> </tbody> </table> <p>A code to identify the purchase order message.</p>	Code	Description	ORDERS	Purchase order message
Code	Description							
ORDERS	Purchase order message							
0052	Message version number	M AN..3	M AN..3	Version number of a message type. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>Draft version/UN/EDIFACT Directory</td> </tr> </tbody> </table> <p>Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).</p>	Code	Description	D	Draft version/UN/EDIFACT Directory
Code	Description							
D	Draft version/UN/EDIFACT Directory							
0054	Message release number	M AN..3	M AN..3	Release number within the current message type version number (0052).				

Label	Name	Standard	Impl	Comment
				<p>Code Description</p> <p>96A Release 1996 - A</p> <p>Message approved and issued in the first 1996 release of the UNTDID (United Nations Trade Data Interchange Directory).</p>
0051	Controlling agency	M AN..2	M AN..2	<p>Code to identify the agency controlling the specification, maintenance and publication of the message type.</p> <p>Code Description</p> <p>UN UN/CEFACT</p> <p>United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).</p>
0057	Association assigned code	O AN..6	Not used	

BGM (BEGINNING OF MESSAGE)

To indicate the type and function of a message and to transmit the identifying number.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
C002	DOCUMENT/ MESSAGE NAME	O	M	Identification of a type of document/message by code or name. Code preferred. Max. occurrences is 1.
1001	Document/me ssage name, coded	O AN..3	M AN..3	Document/message identifier expressed in code. Code Description 220 Order Document/message by means of which a buyer initiates a transaction with a seller involving the supply of goods or services as specified, according to conditions set out in an offer, or otherwise known to the buyer.
1131	Code list qualifier	O AN..3	Not used	
3055	Code list responsible agency, coded	O AN..3	Not used	
1000	Document/me ssage name	O AN..35	Not used	
1004	Document/me ssage number	O AN..35	M AN..35	Reference number assigned to the document/message by the issuer.
1225	Message function, coded	O AN..3	M AN..3	Code indicating the function of the message. Code Description 9 Original Initial transmission related to a given transaction.

DTM (DATE/TIME/PERIOD)

To specify date, and/or time, or period.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C507	DATE/TIME/PERIOD	M	M	Date and/or time, or period relevant to the specified date/time/period type. Max. occurrences is 1.				
2005	Date/time/period qualifier	M AN..3	M AN..3	Code giving specific meaning to a date, time or period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>137</td> <td>Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.</td> </tr> </tbody> </table>	Code	Description	137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.
Code	Description							
137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.							
2380	Date/time/period	O AN..35	M AN..35	The value of a date, a date and time, a time or of a period in a specified representation.				
2379	Date/time/period format qualifier	O AN..3	M AN..3	Specification of the representation of a date, a date and time or of a period. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> </tbody> </table>	Code	Description	102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
Code	Description							
102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.							

FTX (FREE TEXT)

To provide free form or coded text information.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
4451	Text subject qualifier	M AN..3	M AN..3	Code specifying subject of a free text. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>PUR</td> <td>Purchasing information</td> </tr> <tr> <td></td> <td>Note contains purchasing information.</td> </tr> </table>	Code	Description	PUR	Purchasing information		Note contains purchasing information.
Code	Description									
PUR	Purchasing information									
	Note contains purchasing information.									
C108	TEXT LITERAL	O	M	Free text; one to five lines. Max. occurrences is 1.						
4440	Free text	M AN..70	M AN..70	Free text field available to the message sender for information.						
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							
4440	Free text	O AN..70	Not used							

SG1

Name	Level	Max Occ.	Content
RFF	3	1	REFERENCE

This segment group is mandatory here.
Max. occurrences is 1.

RFF (REFERENCE)

To specify a reference.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
C506	REFERENCE	M	M	Identification of a reference. Max. occurrences is 1.						
1153	Reference qualifier	M AN..3	M AN..3	Code giving specific meaning to a reference segment or a reference number. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>ON</td> <td>Order number (purchase)</td> </tr> <tr> <td></td> <td>[1022] Reference number assigned by the buyer to an order.</td> </tr> </table>	Code	Description	ON	Order number (purchase)		[1022] Reference number assigned by the buyer to an order.
Code	Description									
ON	Order number (purchase)									
	[1022] Reference number assigned by the buyer to an order.									
1154	Reference number	O AN..35	M AN..35	Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.						
1156	Line number	O AN..6	Not used							
4000	Reference version number	O AN..35	Not used							

SG2

Name	Level	Max Occ.	Content
NAD	3	1	NAME AND ADDRESS
SG5	3	1	
CTA	4	1	CONTACT INFORMATION
COM	4	1	COMMUNICATION CONTACT

The minimal occurrence of this segment group is 4.
Max. occurrences is 4.

NAD (NAME AND ADDRESS)

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment										
3035	Party qualifier	M AN..3	M AN..3	Code giving specific meaning to a party. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>BY</td> <td>Buyer (3002) Party to which merchandise is sold.</td> </tr> <tr> <td>DP</td> <td>Delivery party (3144) Party to which goods should be delivered, if not identical with consignee.</td> </tr> <tr> <td>IV</td> <td>Invoicee (3006) Party to whom an invoice is issued.</td> </tr> <tr> <td>SU</td> <td>Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.</td> </tr> </table>	Code	Description	BY	Buyer (3002) Party to which merchandise is sold.	DP	Delivery party (3144) Party to which goods should be delivered, if not identical with consignee.	IV	Invoicee (3006) Party to whom an invoice is issued.	SU	Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.
Code	Description													
BY	Buyer (3002) Party to which merchandise is sold.													
DP	Delivery party (3144) Party to which goods should be delivered, if not identical with consignee.													
IV	Invoicee (3006) Party to whom an invoice is issued.													
SU	Supplier (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.													
C082	PARTY IDENTIFICATION DETAILS	O	M	Identification of a transaction party by code. Max. occurrences is 1.										
3039	Party id. identification	M AN..35	M AN..35	Code identifying a party involved in a transaction.										
1131	Code list qualifier	O AN..3	Not used											
3055	Code list	O AN..3	M AN..3	Code identifying the agency responsible for a code										

Label	Name	Standard	Impl	Comment				
	responsible agency, coded			list. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>EAN (International Article Numbering association) Self explanatory.</td> </tr> </tbody> </table>	Code	Description	9	EAN (International Article Numbering association) Self explanatory.
Code	Description							
9	EAN (International Article Numbering association) Self explanatory.							
C080	PARTY NAME	O	M	Identification of a transaction party by name, one to five lines. Party name may be formatted. Max. occurrences is 1.				
3036	Party name	M AN..35	M AN..35	Name of a party involved in a transaction.				
3036	Party name	O AN..35	Not used					
3036	Party name	O AN..35	Not used					
3036	Party name	O AN..35	Not used					
3036	Party name	O AN..35	Not used					
3045	Party name format, coded	O AN..3	Not used					
C059	STREET	O	M	Street address and/or PO Box number in a structured address: one to three lines. Max. occurrences is 1.				
3042	Street and number/p.o. box	M AN..35	M AN..35	Street and number in plain language, or Post Office Box No.				
3042	Street and number/p.o. box	O AN..35	Not used					
3042	Street and number/p.o. box	O AN..35	Not used					
3042	Street and number/p.o. box	O AN..35	Not used					
3164	City name	O AN..35	M AN..35	Name of a city (a town, a village) for addressing purposes.				
3251	Postcode identification	O AN..9	M AN..9	Code defining postal zones or addresses.				

Label	Name	Standard	Impl	Comment
3207	Country, coded	O AN..3	M AN..3	Identification of the name of a country or other geographical entity as specified in ISO 3166.

SG5

Name	Level	Max Occ.	Content
CTA	4	1	CONTACT INFORMATION
COM	4	1	COMMUNICATION CONTACT

This segment group is optional here.
Max. occurrences is 1.

CTA (CONTACT INFORMATION)

To identify a person or a department to whom communication should be directed.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
3139	Contact function, coded	O AN..3	M AN..3	Code specifying the function of a contact (e.g. department or person). <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>OC</td> <td>Order contact</td> </tr> <tr> <td></td> <td>An individual to contact for questions regarding this order.</td> </tr> </table>	Code	Description	OC	Order contact		An individual to contact for questions regarding this order.
Code	Description									
OC	Order contact									
	An individual to contact for questions regarding this order.									
C056	DEPARTMENT OR EMPLOYEE DETAILS	O	O	Code and/or name of a department or employee. Code preferred. Max. occurrences is 1.						
3413	Department or employee identification	O AN..17	Not used							
3412	Department or employee	O AN..35	M AN..35	The department or person within an organizational entity.						

COM (COMMUNICATION CONTACT)

To identify a communication number of a department or a person to whom communication should be directed.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C076	COMMUNICATION CONTACT	M	M	Communication number of a department or employee in a specified channel. Max. occurrences is 1.				
3148	Communication number	M AN..512	M AN..512	The communication number.				
3155	Communication channel qualifier	M AN..3	M AN..3	Code identifying the type of communication channel being used. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>EM</td> <td>Electronic mail Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini- computer or an attached modem and regular telephone line or other electronic transmission media.</td> </tr> </tbody> </table>	Code	Description	EM	Electronic mail Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini- computer or an attached modem and regular telephone line or other electronic transmission media.
Code	Description							
EM	Electronic mail Creating/sending/receiving of unstructured free text messages or documents using computer network, a mini- computer or an attached modem and regular telephone line or other electronic transmission media.							

SG7

Name	Level	Max Occ.	Content
CUX	3	1	CURRENCIES

This segment group is mandatory here.
Max. occurrences is 1.

CUX (CURRENCIES)

To specify currencies used in the transaction and relevant details for the rate of exchange.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
C504	CURRENCY DETAILS	O	M	The usage to which a currency relates. Max. occurrences is 1.						
6347	Currency details qualifier	M AN..3	M AN..3	Specification of the usage to which the currency relates. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>2</td> <td>Reference currency</td> </tr> <tr> <td></td> <td>The currency applicable to amounts stated. It may have to be converted.</td> </tr> </table>	Code	Description	2	Reference currency		The currency applicable to amounts stated. It may have to be converted.
Code	Description									
2	Reference currency									
	The currency applicable to amounts stated. It may have to be converted.									
6345	Currency, coded	O AN..3	M AN..3	Identification of the name or symbol of the monetary unit involved in the transaction.						
6343	Currency qualifier	O AN..3	M AN..3	Code giving specific meaning to data element 6345 Currency. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>9</td> <td>Order currency</td> </tr> <tr> <td></td> <td>The name or symbol of the monetary unit used in an order.</td> </tr> </table>	Code	Description	9	Order currency		The name or symbol of the monetary unit used in an order.
Code	Description									
9	Order currency									
	The name or symbol of the monetary unit used in an order.									
6348	Currency rate base	O N..4	Not used							

SG25

Name	Level	Max Occ.	Content
LIN	3	1	LINE ITEM
PIA	3	2	ADDITIONAL PRODUCT ID
IMD	3	1	ITEM DESCRIPTION
QTY	3	1	QUANTITY
DTM	3	1	DATE/TIME/PERIOD
MOA	3	1	MONETARY AMOUNT
[SG28	3	1	
PRI	4	1	PRICE DETAILS
[SG35	3	1	
NAD	4	1	NAME AND ADDRESS

This segment group is mandatory here.
 Max. occurrences is "unbound".

LIN (LINE ITEM)

To identify a line item and configuration.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
1082	Line item number	O N..6	M N..6	Serial number designating each separate item within a series of articles.						
C212	ITEM NUMBER IDENTIFICATION	O	O	Goods identification for a specified source. Max. occurrences is 1.						
7140	Item number	O AN..35	M AN..35	A number allocated to a group or item.						
7143	Item number type, coded	O AN..3	M AN..3	Identification of the type of item number. <table border="0"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>EN</td> <td>International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.</td> </tr> <tr> <td>SA</td> <td>Supplier's article number Supplier's article number</td> </tr> </tbody> </table>	Code	Description	EN	International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.	SA	Supplier's article number Supplier's article number
Code	Description									
EN	International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.									
SA	Supplier's article number Supplier's article number									
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	Not used							

PIA (ADDITIONAL PRODUCT ID)

To specify additional or substitutional item identification codes.

The minimal occurrence of this segment is 2.
Max. occurrences is 2.

Label	Name	Standard	Impl	Comment										
4347	Product id. function qualifier	M AN..3	M AN..3	Indication of the function of the product code. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>5</td> <td>Product identification</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table>	Code	Description	5	Product identification		Self explanatory.				
Code	Description													
5	Product identification													
	Self explanatory.													
C212	ITEM NUMBER IDENTIFICATION	M	M	Goods identification for a specified source. Max. occurrences is 1.										
7140	Item number	O AN..35	M AN..35	A number allocated to a group or item.										
7143	Item number type, coded	O AN..3	M AN..3	Identification of the type of item number. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>IN</td> <td>Buyer's item number</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> <tr> <td>SA</td> <td>Supplier's article number</td> </tr> <tr> <td></td> <td>Number assigned to an article by the supplier of that article.</td> </tr> </table>	Code	Description	IN	Buyer's item number		Self explanatory.	SA	Supplier's article number		Number assigned to an article by the supplier of that article.
Code	Description													
IN	Buyer's item number													
	Self explanatory.													
SA	Supplier's article number													
	Number assigned to an article by the supplier of that article.													
1131	Code list qualifier	O AN..3	Not used											
3055	Code list responsible agency, coded	O AN..3	Not used											

IMD (ITEM DESCRIPTION)

To describe an item in either an industry or free format.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
7077	Item description type, coded	O AN..3	M AN..3	Code indicating the format of a description. Code Description F Free-form Self explanatory.
C273	ITEM DESCRIPTION	O	M	Description of an item. Max. occurrences is 1.
7009	Item description identification	O AN..17	Not used	
1131	Code list qualifier	O AN..3	Not used	
3055	Code list responsible agency, coded	O AN..3	Not used	
7008	Item description	O AN..35	M AN..35	Plain language description of articles or products.
7008	Item description	O AN..35	Not used	
3453	Language, coded	O AN..3	Not used	

QTY (QUANTITY)

To specify a pertinent quantity.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C186	QUANTITY DETAILS	M	M	Quantity information in a transaction, qualified when relevant. Max. occurrences is 1.				
6063	Quantity qualifier	M AN..3	M AN..3	Code giving specific meaning to a quantity. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>Ordered quantity The quantity which has been ordered.</td> </tr> </tbody> </table>	Code	Description	21	Ordered quantity The quantity which has been ordered.
Code	Description							
21	Ordered quantity The quantity which has been ordered.							
6060	Quantity	M N..15	M N..15	Numeric value of a quantity.				
6411	Measure unit qualifier	O AN..3	M AN..3	Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.				

DTM (DATE/TIME/PERIOD)

To specify date, and/or time, or period.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C507	DATE/TIME/PERIOD	M	M	Date and/or time, or period relevant to the specified date/time/period type. Max. occurrences is 1.				
2005	Date/time/period qualifier	M AN..3	M AN..3	Code giving specific meaning to a date, time or period. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Delivery date/time, requested Date on which buyer requests goods to be delivered.</td> </tr> </tbody> </table>	Code	Description	2	Delivery date/time, requested Date on which buyer requests goods to be delivered.
Code	Description							
2	Delivery date/time, requested Date on which buyer requests goods to be delivered.							
2380	Date/time/period	O AN..35	M AN..35	The value of a date, a date and time, a time or of a period in a specified representation.				
2379	Date/time/period format qualifier	O AN..3	M AN..3	Specification of the representation of a date, a date and time or of a period. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</td> </tr> </tbody> </table>	Code	Description	102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
Code	Description							
102	CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.							

MOA (MONETARY AMOUNT)

To specify a monetary amount.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment				
C516	MONETARY AMOUNT	M	M	Amount of goods or services stated as a monetary amount in a specified currency. Max. occurrences is 1.				
5025	Monetary amount type qualifier	M AN..3	M AN..3	Indication of type of amount. <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>203</td> <td>Line item amount Goods item total minus allowances plus charges for line item. See also Code 66.</td> </tr> </tbody> </table>	Code	Description	203	Line item amount Goods item total minus allowances plus charges for line item. See also Code 66.
Code	Description							
203	Line item amount Goods item total minus allowances plus charges for line item. See also Code 66.							
5004	Monetary amount	O N..18	M N..18	Number of monetary units.				
6345	Currency, coded	O AN..3	Not used					
6343	Currency qualifier	O AN..3	Not used					
4405	Status, coded	O AN..3	Not used					

SG28

Name	Level	Max Occ.	Content
PRI	4	1	PRICE DETAILS

This segment group is mandatory here.
Max. occurrences is 1.

PRI (PRICE DETAILS)

To specify price information.

This segment is mandatory here.

Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
C509	PRICE INFORMATION	O	M	Identification of price type, price and related details. Max. occurrences is 1.						
5125	Price qualifier	M AN..3	M AN..3	Identification of a type of price. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>AAA</td> <td>Calculation net</td> </tr> <tr> <td></td> <td>The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.</td> </tr> </table>	Code	Description	AAA	Calculation net		The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.
Code	Description									
AAA	Calculation net									
	The price stated is the net price including allowances/ charges. Allowances/charges may be stated for information only.									
5118	Price	O N..15	M N..15	The monetary value associated with a purchase or sale of an article, product or service.						
5375	Price type, coded	O AN..3	Not used							
5387	Price type qualifier	O AN..3	Not used							
5284	Unit price basis	O N..9	Not used							
6411	Measure unit qualifier	O AN..3	Not used							

SG35

Name	Level	Max Occ.	Content
NAD	4	1	NAME AND ADDRESS

This segment group is optional here.
Max. occurrences is 1.

NAD (NAME AND ADDRESS)

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment						
3035	Party qualifier	M AN..3	M AN..3	Code giving specific meaning to a party. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>DP</td> <td>Delivery party</td> </tr> <tr> <td></td> <td>(3144) Party to which goods should be delivered, if not identical with consignee.</td> </tr> </table>	Code	Description	DP	Delivery party		(3144) Party to which goods should be delivered, if not identical with consignee.
Code	Description									
DP	Delivery party									
	(3144) Party to which goods should be delivered, if not identical with consignee.									
C082	PARTY IDENTIFICATION DETAILS	O	M	Identification of a transaction party by code. Max. occurrences is 1.						
3039	Party id. identification	M AN..35	O AN..35	Code identifying a party involved in a transaction.						
1131	Code list qualifier	O AN..3	Not used							
3055	Code list responsible agency, coded	O AN..3	O AN..3	Code identifying the agency responsible for a code list. <table border="0"> <tr> <td>Code</td> <td>Description</td> </tr> <tr> <td>9</td> <td>EAN (International Article Numbering association)</td> </tr> <tr> <td></td> <td>Self explanatory.</td> </tr> </table>	Code	Description	9	EAN (International Article Numbering association)		Self explanatory.
Code	Description									
9	EAN (International Article Numbering association)									
	Self explanatory.									
C080	PARTY NAME	O	O	Identification of a transaction party by name, one to five lines. Party name may be formatted. Max. occurrences is 1.						
3036	Party name	O AN..35	Not used							
3036	Party name	O AN..35	Not used							
3036	Party name	O AN..35	Not used							

Label	Name	Standard	Impl	Comment
3036	Party name	O AN..35	Not used	
3045	Party name format, coded	O AN..3	Not used	
C059	STREET	O	M	Street address and/or PO Box number in a structured address: one to three lines. Max. occurrences is 1.
3042	Street and number/p.o. box	O AN..35	Not used	
3042	Street and number/p.o. box	O AN..35	Not used	
3042	Street and number/p.o. box	O AN..35	Not used	
3164	City name	O AN..35	M AN..35	Name of a city (a town, a village) for addressing purposes.
3251	Postcode identification	O AN..9	M AN..9	Code defining postal zones or addresses.
3207	Country, coded	O AN..3	M AN..3	Identification of the name of a country or other geographical entity as specified in ISO 3166.

6 Example

UNA:+.? '
UNB+UNOC:3+8716106053841:14+87123456789123:14+190910:1237+63+++0++0'
UNH+63+ORDERS:D:96A:UN'
BGM+220+2697093+9'
DTM+137:20190910:102'
RFF+ON:2697093'
NAD+SU+87123456789123::9++Supplier name+Street & number+City++Postal code+NL'
NAD+BY+8716106198375::9++Kramp Groep B.V. 04+Breukelaarweg 33+Varsseveld++7051 DW+NL'
CTA+OC+:Rik van Wezel'
COM+rik.van.wezel@kramp.com:EM'
NAD+IV+8716106198375::9++Kramp Groep B.V. 04+P.O box 248+Leek++9350 AE+NL'
NAD+DP+8716106198337::9++Kramp Groep B.V.+Breukelaarweg 33+Varsseveld++7051 DW+NL'
CUX+2:EUR:9'
LIN+5++8717575214535:EN'
PIA+5+1633..M4500--EL:SA'
PIA+5+1688M4500XL:IN'
IMD+F+++::Overhemd zwart mt XL'
QTY+21:8:PCE'
DTM+2:20191003:102'
MOA+203:0.00'
PRI+AAA:0.00'
NAD+DP+8716106198337::9++Kramp Groep B.V.+Breukelaarweg 33+Varsseveld++7051 DW+NL'
LIN+10++8717575175256:EN'
PIA+5+1234..MQ100H-62:SA'
PIA+5+4321MQ100H62:IN'
IMD+F+++::Overall test mar.bl. mt.62'
QTY+21:2:PCE'
DTM+2:20191003:102'
MOA+203:0.00'
PRI+AAA:0.00'
NAD+DP+8716106198337::9++Kramp Groep B.V.+Breukelaarweg 33+Varsseveld++7051 DW+NL'
UNS+S'
UNT+31+63'
UNZ+1+63'