

# EDI Guideline

## Orders for configurable materials

based on

### EDIFACT ORDERS D.96A

Version 1.07  
20.09.2011

**KIM/BX** - Integration & EDI

[edi@kion-ims.com](mailto:edi@kion-ims.com)

## EDI Guideline Orders for configurable materials EDIFACT ORDERS D.96A

### History:

Version 1.0 - 20.02.2009 (Klaus Oberle)

- Initial release

Version 1.01 - 25.03.2009 (Klaus Oberle)

- Page 7: Segment BGM (1001): Document type **UP** (Purchase request UPA) added.

Version 1.02 - 07.04.2009 (Klaus Oberle)

- General: ILN (“International Location Number”) changed to GLN (“Global Location Number”)
- Page 9: Segment SG1-RFF (1153): Qualifier **ON** (Buyer’s order number) added.
- Page 12: Segment SG2-NAD-SG5-CTA-COM: (3155): Qualifier **FX** (Telefax) and **EM** (Email) added.

Version 1.03 - 14.05.2009 (Klaus Oberle)

- Page 3: Segment overview updated.
- Page 4: Example EDIFACT ORDERS updated.
- Page 10: Segment SG25-LIN (3055): **9** changed to **92** (Assigned by buyer).
- Page 15: Segment SG2-NAD (DP): Segment no longer in use. Unloading points will now be stored in Segment SG35-NAD (DP) which relates directly to an order item.
- Page 19: Segment SG25-LIN (1082): Description “Order item number” added.
- Page 28: Segment SG35-NAD (DP): “Delivery party / unloading point” added.

Version 1.04 - 23.11.2010 (Klaus Oberle)

- Page 21: New PIA segment SG25-LIN-PIA with qualifier **SQ** (“Sequence number”) added.  
The sequence number defines the order of the vehicle in the production process.

Version 1.05 - 05.04.2011 (Klaus Oberle)

- Page 28: Additional segment SG25-LIN-SG29-RFF with qualifier **ACF** (“Addressee reference”) added.

Version 1.06 - 08.07.2011 (Klaus Oberle)

- Page 5: Segment UNB (S001): Syntax identifier and version changed to UNOC:3

Version 1.07 - 20.09.2011 (Klaus Oberle)

- Page 28: SG25-LIN-SG29-RFF: New reference qualifier **ZC** (“Colour attribute”) added.

**Used Segments**

Docu on page

UNB				Interchange header	5
UNH	1	M	1	Message header	6
BGM	2	M	1	Beginning of message	7
DTM	3	M	1	Message date and time	8
SG1		C	10	Reference data	
RFF	4	M	1	Buyers contract number	9
SG2		C	99	Buyer	
NAD	5	M	1	GLN, name and address	10
SG5		C	5	Contact details	
CTA	6	M	1	Name of purchaser	11
COM	7	C	5	Communication data	12
SG2		C	99	Supplier	
NAD	8	M	1	GLN, name and address	13
SG6		C	5	Taxes	
TAX	9	M	1	Duty / tax / fee information	15
SG7		C	5	Currencies	
CUX	10	M	1	Order currency	16
SG8		C	10	Terms of payment	
PAT	11	M	1	Payment terms	17
SG11		C	5	Terms of delivery	
TOD	12	M	1	Terms of delivery or transport	18
SG25		C	200000	Items	
LIN	13	M	1	Line item	19
PIA	14	C	25	Additional product id	20
PIA	15	C	1	Sequence number	21
IMD	16	C	99	Item description	22
MEA	17	C	5	Measurements	23
QTY	18	C	10	Quantity	24
DTM	19	C	35	Delivery date	25
FTX	20	C	99	Free text	26
SG28		C	25	Price details	
PRI	21	M	1	Price	27
SG29		C	10	Reference data	
RFF	22	M	1	Customer reference number	28
SG35		C	99	Delivery party (unloading point)	
NAD	23	M	1	GLN, plant and stock location	29
UNS	24	M	1	Section control	30
MOA	25	C	12	Monetary amount	31
UNT	26	M	1	Message trailer	32
UNZ		M	1	Interchange trailer	33

**M = Mandatory**  
**C = Conditional**

## Example

```
UNB+UNOC:3+4399901834316+4711+090218:1015+81'  
UNH+1+ORDERS:D:96A:UN'  
BGM+CM::86+7600000436'  
DTM+137:20090212:102'  
RFF+BC:5400054168'  
RFF+ON:7600000528'  
NAD+BY+ 4399901834316::92++ Linde Material Handling GmbH+Carl-von-Linde-  
Platz+Aschaffenburg++63743+DE'  
CTA+PD+122:Tony Tester'  
COM+0049 6021 99 4567:TE'  
COM+0049 6021 99 4678:FX'  
COM+Tony.Tester@linde-mh.de:EM'  
NAD+SU+4711::9++Musterbau Mueller+Industriestr. 12+Frankfurt++60311+DE'  
CUX+2:EUR:9'  
PAT+3++5::D:14'  
TOD+++EXW::Mueller Werk 1'  
  
LIN+10++57320203470:BP'  
PIA+1+TC_396_00_4480_020+Heckverkleid.m.Rüchl.H50-H80'  
PIA+SQ+00001234567890'  
IMD+F++::Heckverkleidung Zsb'  
MEA+AAI++KGM:0'  
QTY+21:2:PCE'  
DTM+2:20090703:102'  
FTX+ORI+++Bitte geben Sie den Kundenauftrag:0012345678/000010 auf Ihren  
Lieferpapieren an'  
PRI+AAA:1200:::1'  
RFF+CR:0012345678/000010'  
NAD+DP+4399901834316::92++1001:12F1'  
  
LIN+20++55030203470:BP'  
PIA+1+TC_5503_00_347009_9006+RAL 9006 Weißaluminium'  
PIA+1+TC_5503_00_921022_0010+NAB FSD UVV und Fabrikschild'  
PIA+SQ+00001234567880'  
IMD+F++::Fahrschutzdach'  
MEA+AAI++KGM:0'  
QTY+21:1:PCE'  
DTM+2:20090428:102'  
FTX+ORI+++Bitte geben Sie den Kundenauftrag:0087654321/000010 auf Ihren  
Lieferpapieren an'  
PRI+AAA:1000:::1'  
RFF+CR:0087654321/000010'  
RFF+ACF:DE-63456  
NAD+DP+4399901834316::92++1001:12F2'  
  
UNS+S'  
MOA+79:1234:EUR'  
UNT+41+1'  
UNZ+1+81'
```

**UNB** M 1 Interchange Header

Description: Service segment providing the unique identification of an interchange. It allows the identification of the sender and the receiver of the interchange, gives date and time of preparation as well as the interchange control reference

Example: **UNB+UNOC:3+4399901834316+1234567890+081231:1510+75'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>S001</b>	<b>Syntax Identifier</b>	M			
0001	Syntax Identifier	M	a4	M	<b>UNOC</b>
0002	Syntax version number	M	n1	M	<b>3</b>
<b>S002</b>	<b>Interchange Sender</b>	M			
0004	Sender Identification	M	an..35	M	<b>4399901834316</b> = GLN No. LMH
<b>S003</b>	<b>Interchange Recipient</b>	M			
0010	Recipient Identification	M	an..35	M	<b>1234567890</b> = GLN No. Recipient
<b>S004</b>	<b>Date/Time of preparation</b>	M			
0017	Date of preparation	M	n6	M	<b>081231</b> = YYMMDD
0019	Time of preparation	M	n4	M	<b>1510</b> = HHMM
0020	Interchange control reference	M	an..14	M	<b>75</b> = No. of interchanges to partner

Segment No.: 1

**UNH** M 1 Message Header

Description: Service segment starting and uniquely identifying a message. The message type code for the purchase order message is ORDERS

Example: **UNH+1+ORDERS:D:96A:UN'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
0062	Message reference number	M	an..14	M	1 = No. of message within interchange
<b>S009</b>	<b>Message Identifier</b>	M			
0065	Message type	M	an..6	M	<b>ORDERS</b>
0052	Message version number	M	an..3	M	<b>D</b>
0054	Message release number	M	an..3	M	<b>96A</b>
0051	Controlling agency	M	an..2	M	<b>UN</b>

Segment No.: 2

**BGM** M 1 Beginning of Message

Description: A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function.

Example: **BGM+CM::86+760000256'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C002</b>	<b>Document / Message name</b>	C		M	
1001	Document / Message name	C	an..3	M	Document type from IDOC  <b>CM</b> = Purchase Request CMAT <b>UP</b> = Purchase Request UPA
3055	Responsible f. code	C	an..3	M	<b>86</b>
1004	Document number	C	an..35	M	<b>760000256</b> = Order number from IDOC

Segment No.: 3

**DTM**            M        35        Date and Time

Description:    A segment specifying general dates and, when relevant, times related to the whole message.  
 The segment must be specified at least once to identify the order date.

Example:        **DTM+137:20081117:102'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C507</b>	<b>Date / Time / Period</b>	M		M	
2005	Date / Time / Period qualifier	M	an..3	M	<b>137</b> = Document / Message date/time
2380	Date	C	an..35	M	<b>YYYYMMDD</b>
2379	Format qualifier	C	an..3	M	<b>102</b> = YYYYMMDD



Segment No.: 4      **SG1-RFF**

**SG1**      C      10      Segment Group 1

Description:      A group of segments for giving references and where necessary, their dates, relating to the whole message e.g. contract number, import/export license number, reservation number

**RFF**      M      1      Reference

Description:      A segment identifying the reference by its number and where appropriate a line number within a document.

Example:      **RFF+BC+5400051497'**  
                  **RFF+ON+7600000528'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C506</b>	<b>Date / Time / Period</b>	M		M	
1153	Reference qualifier	M	an..3	M	<b>BC</b> = Buyer's contract number <b>ON</b> = Buyer's order number
1154	Reference number	C	an..35	M	<b>5400051497</b>

Segment No.: 5      **SG2-NAD**      (Buyer, Käufer)

**SG2**      C      99      Segment Group 2

Description: A group of segments identifying the parties with associated information.

**NAD**      M      1      Name and Address

Description: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

Example: **NAD+BY+4399901834316::9++Linde Material Handling GmbH+Carl-von-Linde-Platz+Aschaffenburg++63743+DE'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
3035	Party qualifier	M	an..3	M	<b>BY</b> = Buyer
<b>C082</b>	<b>Party identification details</b>	C		M	
3039	Party identification	M	an..35	M	<b>4399901834316</b> = GLN No. LMH
3055	Responsible f. code	C	an..3	M	<b>92</b> = Assigned by buyer
<b>C080</b>	<b>Name and address</b>	C		M	
3036	Name	M	an..35	M	<b>Name</b>
3036_2	Name	C	an..35	C	
3036_3	Name	C	an..35	C	
3036_4	Name	C	an..35	C	
<b>C059</b>	<b>Name and address</b>	C		M	
3042	Street and/or PO Box number	M	ab..35	M	<b>Street</b>
3042_2	Street and/or PO Box number	C	an..35	C	
3164	Name of city	C	an..35	M	<b>City</b>
3229	Country sub-entity identification	C	An..9	C	
3251	Postal code	C	an..9	M	<b>Postal code</b>
3207	Country code ISO 3166-2	C	an..3	M	<b>Country code</b>

Segment No.: 6      **SG2-NAD-SG5-CTA**    (Buyer, Käufer)

**SG2**      C      99      Segment Group 2  
**SG5**      C      5      Segment Group 5

Description:    A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

**CTA**      M      1      Contact Information

Description:    A segment to identify a person or department, and their function, to whom communications should be directed.

Example:      **CTA+PD+122:Tony Tester'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
3139	Contact function, coded	C	an..3	M	<b>PD</b> = Purchasing contact
<b>C056</b>	<b>Department or employee details</b>	C		M	
3413	Dept. or employee identification	M	an..17	M	<b>122</b> = Number of purchaser
3412	Department or employee	C	an..35	M	<b>Name of purchaser</b>

Segment No.: 7      **SG2-NAD-SG5-CTA-COM**      (Buyer, Käufer)

**SG2**      C      99      Segment Group 2  
**SG5**      C      5      Segment Group 5  
**CTA**      M      1      Contact Information

Description: A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

**COM**      C      5      Communication

Description: A segment to identify a communications type and number for the contact specified in the CTA segment.

Example:      **COM+0049 6021 99 4567:TE'**  
                  **COM+0049 6021 99 4678:FX'**  
                  **COM+Tony.Tester@Linde-MH.de:EM'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C076</b>	<b>Communication</b>	C		M	
3148	Communication number / address	M	an..512	M	<b>0049 6021 99 4567</b>
3155	Communication channel qualifier	C	an..3	M	<b>TE</b> = Phone <b>FX</b> = Telefax <b>EM</b> = Email

Segment No.: 8      **SG2-NAD**      (Supplier, Lieferant)

**SG2**      C      99      Segment Group 2

Description: A group of segments identifying the parties with associated information.

**NAD**      M      1      Name and Address

Description: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

Example:      **NAD+SU+4711::9++Musterbau Mueller+Industriestr. 12+Frankfurt++60311+DE'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
3035	Party qualifier	M	an..3	M	<b>SU</b> = Supplier
<b>C082</b>	<b>Party identification details</b>	C		M	
3039	Party identification	M	an..35	M	<b>4711</b> = GLN No. Supplier
3055	Responsible f. code	C	an..3	M	<b>9</b> = EAN
<b>C080</b>	<b>Name and address</b>	C		M	
3036	Name	M	an..35	M	<b>Name</b>
3036_2	Name	C	an..35	M	
3036_3	Name	C	an..35	C	
3036_4	Name	C	an..35	C	
<b>C059</b>	<b>Name and address</b>	C		M	
3042	Street and/or PO Box number	M	ab..35	M	<b>Street</b>
3042	Street and/or PO Box number	C	an..35	C	
3164	Name of city	C	an..35	M	<b>City</b>
3229	Country sub-entity identification	C	An..9	C	
3251	Postal code	C	an..9	M	<b>Postal code</b>
3207	Country code ISO 3166-2	C	an..3	M	<b>Country code</b>

Segment No.: 9      **SG2-NAD**      (Delivery party / unloading point)

**SG2**      C      99      Segment Group 2

Description: A group of segments identifying the parties with associated information.

**NAD**      M      1      Name and Address

Description: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the sender and buyer parties is mandatory for the order message.

Example: **NAD+DP+4399901834316::9++Linde MH, Werk 2, Tor 2,Halle 4a, SAP-Lagerort 1231+Wailandtstr. 17+Aschaffenburg-Nilkheim++62741+DE'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St.	Fr.	Gr.	Description and/or Example
3035	Party qualifier	M	an..3	M	<b>DP</b> = Delivery Party
<b>C082</b>	<b>Party identification details</b>	C		M	
3039	Party identification	M	an..35	M	<b>4399901834316</b> = GLN No. LMH
3055	Responsible f. code	C	an..3	M	<b>9</b> = EAN
<b>C080</b>	<b>Name and address</b>	C		M	
3036	Name	M	an..35	M	<b>Linde MH, Werk 2, Tor 2</b> = Name, Plant, Door
3036_2	Name	C	an..35	M	<b>Halle 4a, SAP-Lagerort 1231</b> = Unloading point
3036_3	Name	C	an..35	C	
3036_4	Name	C	an..35	C	
<b>C059</b>	<b>Name and address</b>	C		M	
3042	Street and/or PO Box number	M	ab..35	M	<b>Street</b>
3042	Street and/or PO Box number	C	an..35	C	
3164	Name of city	C	an..35	M	<b>City</b>
3229	Country sub-entity identification	C	An..9	C	
3251	Postal code	C	an..9	M	<b>Postal code</b>
3207	Country code ISO 3166-2	C	an..3	M	<b>Country code</b>

Segment No.: 9      **SG6-TAX**

**SG6**      C      5      Segment Group 6

Description: A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

**TAX**      M      1      Duty / tax / fee information

Description: A segment specifying a tax type, category and rate, or exemption, relating to the whole order e.g. Value Added Tax at the standard rate is applicable for all items.

Example:      **TAX+7+VAT+++:::19+S'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
5283	Duty/tax/fee qualifier	M	an..3	M	<b>7</b> = Tax
<b>C241</b>	<b>Duty/tax/fee type</b>	C		C	
5153	Duty/tax/fee type name code	C	an..3	C	<b>VAT</b> = Value added tax
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
5152	Duty/tax/fee type	C	an..35	C	
<b>C533</b>	<b>Duty/tax/fee account detail</b>	C		C	
5289	Duty/tax/fee account identification	M	an..6	M	
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
5286	Duty/tax/fee assessment base	C	an..15	C	
<b>C243</b>	<b>Duty/tax/fee detail</b>	C		C	
5279	Duty/tax/fee rate identification	C	an..7	C	
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
5278	Duty/tax/fee rate	C	an..17	C	<b>19</b>
5273	Duty/tax/fee rate basis identification	C	an..12	C	
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
5305	Duty/tax/fee category, coded	C	an..3	C	<b>S</b> = Standard rate
3446	Party tax identification number	C	an..20	C	

Segment No.: 10     **SG7-CUX**

**SG7**     C     5     Segment Group 7

Description: A group of segments specifying the currencies and related dates/periods valid for the whole order. Currency data may be omitted in national applications but will be required for international transactions..

**CUX**     M     1     Currencies

Description: A segment identifying the currencies required in the order e.g. the order currency. A rate of exchange may be given to convert a reference currency into a target currency.

Example:     **CUX+2:EUR:9'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C504</b>	<b>Currency details</b>	C		M	
6347	Currency details qualifier	M	an..3	M	<b>2</b> = Reference currency
6345	Currency, coded	C	an..3	M	
6343	Currency qualifier	C	an..3	M	<b>9</b> = Oder currency



Segment No.: 11      **SG8-PAT**

**SG8**            C        10      Segment Group 8

---

Description:    A group of segments specifying the terms of payment applicable for the whole order.

**PAT**            M        1        Payment terms

---

Description:    A segment identifying the payment terms and date/time basis.

Example:        **PAT+3++5::D:14'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
4279	Payment terms type qualifier	M	an..3	M	<b>3</b> = Fixed date
<b>C110</b>	<b>Payment terms</b>	C		C	
4277	Terms of payment identification	M	an..17	M	
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
4276	Terms of payment	C	an..35	C	
4276	Terms of payment	C	an..35	C	
<b>C112</b>	<b>Terms/Time information</b>	C		C	
2475	Payment time reference, coded	M	an..3	M	<b>5</b> = Date of invoice
2009	Time relation, coded	C	an..3	C	
2151	Type of period, coded	C	an..3	C	<b>D</b> = Days
2152	Number of periods	C	n..3	C	<b>14</b> = 14 (Days)

Segment No.: 12      **SG11-TOD**

**SG11**      C      5      Segment Group 11

Description:      A group of segments indicating the terms of delivery for the whole order.

**TOD**      M      1      Terms of delivery or transport

Description:      A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms..

Example:      **TOD+++EXW:::Mueller Werk 1'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
4055	Terms of delivery or transport function, coded	C	an..3	N	
4215	Transport charges method of payment, coded	C	an..3	N	
<b>C100</b>	<b>Terms of delivery or transport</b>	C		M	
4053	Terms of delivery or transport, coded	C	an..3	M	<b>EXW = Ex works (INCOTERMS)</b>
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
4052	Terms of delivery or transport	C	an..70	C	<b>Mueller Werk 1 = Supplier plant</b>
4052_2	Terms of delivery or transport	C	an..70	C	

Segment No.: 13      **SG25-LIN**

**SG25**      C      200000      Segment Group 25

Description: A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**LIN**      M      1      Line item

Description: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered. Other product identification numbers e.g. Buyer product number, etc. can be specified within the following PIA segment.

Example:      **LIN+10++3966100899:BP'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
1082	Line item number	C	n..6	M	<b>10</b> = Order item number
1229	Action request/notification, coded	C	an..3	N	
<b>C212</b>	<b>Item number identification</b>	C		M	
7140	Item number	C	an..35	M	<b>3966100899</b>
7143	Item number type, coded	C	an..3	C	<b>BP</b> = Buyers part number
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
<b>C829</b>	<b>Sub-line information</b>	C			
5495	Sub-line indicator, coded	C	an..3	C	
1082	Line item number	C	n..6	C	
1222	Configuration level	C	n..2	C	
7083	Configuration, coded	C	an..3	C	

Segment No.: 14      **SG25-LIN-PIA**

**SG25**      C      200000      Segment Group 25

**PIA**      C      25      Additional product id

Description:      A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

Example:      **PIA+1+TC\_396\_00\_4480\_010+Heckverkleid. Standard'**      (First PIA segment)  
**PIA+1+TC\_396\_00\_7130\_020+Warnton b.Rueckw.fahrt H50-80'**      (Second PIA segment)

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
4347	Product id. function qualifier	M	an..3	M	1 = Additional identification
<b>C212</b>	<b>Item number identification</b>	M		M	
7140	Item number	C	an..35	C	<b>TC_396_00_4480_010</b>
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	
<b>C212_2</b>	<b>Item number identification</b>	M		M	
7140	Item number	C	an..35	C	<b>Heckverkleid. Standard</b>
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	
<b>C212_3</b>	<b>Item number identification</b>	M		N	
7140	Item number	C	an..35	N	
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	
<b>C212_4</b>	<b>Item number identification</b>	M		N	
7140	Item number	C	an..35	N	
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	
<b>C212_5</b>	<b>Item number identification</b>	M		N	
7140	Item number	C	an..35	N	
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	

Segment No.: 15     **SG25-LIN-PIA**

**SG25**     C     200000     Segment Group 25

---

**PIA**     C     1     Sequence number

---

Description: A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

**KION usage:**

Sequence number defines the order of the vehicle in the production process

Example: **PIA+SQ+00001234567890'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
4347	Product id. function qualifier	M	an..3	M	<b>SQ</b> = Sequence number
<b>C212</b>	<b>Item number identification</b>	M		M	
7140	Item number	C	an..35	C	<b>00001234567890</b>
7143	Item number type, coded	C	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	

Segment No.: 16      **SG25-LIN-IMD**

**SG25**      C      200000      Segment Group 25

Description:      A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**IMD**      C      99      Item description

Description:      A segment providing a description common to all line items of the order.

Example:      **IMD+F++:::Heckverkleidung Zsb'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
7077	Item description type, coded	C	an..3	M	<b>F</b> = Free form
7081	Item characteristic, coded	C	an..3	C	
<b>C273</b>	<b>Item description</b>	C		M	
7009	Item description identification	C	an..17	C	
1131	Code list qualifier	C	an..3	C	
3055	Code list responsible agency, coded	C	an..3	C	
7008	Item description	C	an..35	M	<b>Heckverkleidung Zsb</b>
7008_2	Item description	C	an..35	C	
1222	Configuration level	C	n..2	C	
7083	Configuration, coded	C	an..3	C	

Segment No.: 17      **SG25-LIN-MEA**

**SG25**      C      200000      Segment Group 25

Description:      A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**MEA**      C      5      Measurements

Description:      A segment specifying physical measurements of packages described in the PAC segment e.g. package length, weight

Example:      **MEA+AAI++KGM:23.4'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
6311	Measurement application qualifier	M	an..3	M	<b>AAI</b> = Item weight
<b>C502</b>	<b>Measurement details</b>	C			
6313	Measurement dimension, coded	C	an..3	C	
6321	Measurement significance, coded	C	an..3	C	
6155	Measurement attribute, coded	C	an..3	C	
6154	Measurement attribute	C	an..70	C	
<b>C174</b>	<b>Value / Range</b>	C			
6411	Measurement unit qualifier	M	an..3	M	<b>KGM</b> = Kilogramm
6314	Measurement value	C	n..18	C	<b>23.4</b>
6162	Range minimum	C	n..18	C	
6152	Range maximum	C	n..18	C	
6432	Significant digits	C	n..2	C	
7383	Surface/layer indicator, coded	C	an..3	C	

Segment No.: 18     **SG25-LIN-QTY**

**SG25**     C     200000     Segment Group 25

Description:     A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**QTY**     C     10     Quantity

Description:     A segment identifying the product quantities e.g. ordered quantity.

Example:     **QTY+21:1:PCE'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C186</b>	<b>Quantity details</b>	M			
6063	Quantity qualifier	M	an..3	M	<b>21</b> = Ordered quantity
6060	Quantity	M	n..15	M	<b>1</b>
6411	Measure unit qualifier	C	an..3	M	<b>PCE</b> = Piece



Segment No.: 19     **SG25-LIN-DTM**

**SG25**     C     200000     Segment Group 25

Description:     A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**DTM**     C     35     Date and Time

Description:     A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the order date.

Example:     **DTM+2:20090325:102'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C507</b>	<b>Date / Time / Period</b>	M		M	
2005	Date / Time / Period qualifier	M	an..3	M	<b>2</b> = Delivery date/time requested
2380	Date	C	an..35	M	<b>20090325</b>
2379	Format qualifier	C	an..3	M	<b>102</b> = YYYYMMDD

Segment No.: 20      **SG25-LIN-FTX**

**SG25**      C      200000      Segment Group 25

Description: A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

**FTX**      C      99      Free text

Description: A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Example:      **FTX+ORI+++Bitte geben Sie den Kundenauftrag'**  
                   **FTX+ORI+++0011175739/000010 auf Ihren Lieferpapieren an'**

**Note:** Reference number **0011175739/000010** is also contained in **SG25-LIN-SG29-RFF C506-1154**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
4451	Text subject qualifier	M	an..3	M	<b>ORI = Order instruction</b>
4453	Text function, coded	C	an..3	N	
<b>C107</b>	<b>Text reference</b>	C		N	
4441	Free text, coded	M	an..3	N	
1131	Code list qualifier	C	an..3	N	
3055	Code list responsible agency, coded	C	an..3	N	
<b>C108</b>	<b>Text literal</b>	C		M	
4440	Free text	M	an..70	M	<b>Bitte geben Sie den Kundenauftrag</b>
4440	Free text	C	an..70	M	<b>1234567/10 auf Ihren Lieferpapieren an</b>
4440	Free text	C	an..70	N	
4440	Free text	C	an..70	N	
4440	Free text	C	an..70	N	
3453	Language, coded	C	an..3	N	

Segment No.: 21      **SG25-LIN-SG28-PRI**

**SG25**      C      200000      Segment Group 25  
**SG28**      C      25      Segment Group 28

Description: A group of segments identifying the relevant pricing information for the goods or services ordered.

**PRI**      M      1      Price details

Description: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'price'.

Example: **PRI+AAA:112:::1'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C509</b>	<b>Price information</b>	C		C	
5225	Price qualifier	M	an..3	M	<b>AAA</b> = Calculation net
5118	Price	C	n..15	C	<b>112</b>
5375	Price type, coded	C	an..3	N	
5387	Price type qualifier	C	an..3	N	
5284	Unit price basis	C	n..9	C	<b>1</b>
6411	Measure unit qualifier	C	an..3	N	
5213	Sub-line price change, coded	C	an..3	N	

Segment No.: 22      **SG25-LIN-SG29-RFF**

**SG25**      C      200000      Segment Group 25  
**SG29**      C      10      Segment Group 29

Description: A group of segments giving references and where necessary, their dates, relating to the line item.

**RFF**      M      1      Reference

Description: A segment identifying the reference by its number and where appropriate a line number within a document.

Examples: **RFF+CR+0011175739/000010'**  
**RFF+ACF+DE-63456'**  
**RFF+ZC+7021 - RAL 7021SCHWARZGRAU'**

**Note:** Reference number **0011175739/000010** should be specified on the delivery note!

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C506</b>	<b>Date / Time / Period</b>	M		M	
1153	Reference qualifier	M	an..3	M	<b>CR</b> = Customer reference number * <b>ACF</b> = Addressee reference ** <b>ZC</b> = Colour attribute ***
1154	Reference	C	an..35	M	<b>0011175739/000010</b> * <b>DE-63456</b> ** <b>7021 - RAL 7021SCHWARZGRAU</b> ***

\* Customer order number. See **SG25-LIN-FTX-C108-4440**

\*\* Country code and postal code of end customer

Segment No.: 23      **SG25-LIN-SG35-NAD** (Delivery party / unloading point)

**SG25**      C      200000      Segment Group 25  
**SG35**      C      99      Segment Group 35

Description: A group of segments identifying the parties with associated information.

**NAD**      M      1      Name and Address

Description: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the line item . It is recommended that - where possible - only the coded form of the party ID should be specified. e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Example:      **NAD+DP+4399901834316::92++1001:1234'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
3035	Party qualifier	M	an..3	M	<b>DP</b> = Delivery Party
<b>C082</b>	<b>Party identification details</b>	C		M	
3039	Party identification	M	an..35	M	<b>4399901834316</b> = GLN No. LMH
3055	Responsible f. code	C	an..3	M	<b>92</b> = Assigned by buyer
<b>C080</b>	<b>Name and address</b>	C		M	
3036	Name	M	an..35	M	<b>1001</b> = Plant
3036_2	Name	C	an..35	M	<b>1234</b> = Stock location
3036_3	Name	C	an..35	C	
3036_4	Name	C	an..35	C	

Segment No.: 24

**UNS**      M      1      Section control

---

Description:    A service segment placed at the start of the summary section to avoid segment collision.

Example:        **UNS+S'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
0081	Section identification	M	a..1	M	<b>S</b> = Detail/summary section separation

Segment No.: 25

**MOA**      C      1      Monetary amount

---

Description:    A segment giving the total amounts for the whole order message.

Example:        **MOA+79:112:EUR'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
<b>C516</b>	<b>Monetary amount</b>	<b>M</b>		<b>M</b>	
5026	Monetary amount type qualifier	M	an..3	M	<b>79</b> = Total line items amount
5004	Monetary amount	C	n..18	C	<b>112</b>
6345	Currency, coded	C	an..3	C	<b>EUR</b>
6343	Currency qualifier	C	an..3	N	
4405	Status, coded	C	an..3	N	

Segment No.: 26

**UNT** M 1 Message trailer

Description: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Example: **UNT+24+1'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
0074	Number of segments in a message	M	n..10	M	<b>24</b>
0062	Message reference number	M	an..14	M	<b>1</b>



**UNZ**      M      1      Interchange trailer

---

Description:    To end and check the completeness of an interchange.

Example:        **UNZ+1+75'**

EDIFACT Standard Definition				KION Usage	
Tag	Name	St	Ft	St	Description and/or Example
0036	Interchange control count	M	n..6	M	<b>1</b> = number of messages in transmission
0020	Interchange control reference	M	an..14	M	<b>75</b> = number of interchanges to partner (repetition from UNB 0020)