

**Guidelines of Implementation  
for  
EDIFACT SUBSET  
EDITEC  
Orders**



**Deutscher Großhandelsverband Haustechnik e.V.**

**/ARGE**

Building digital competence



**ORDERS / D.96B**

**Version 3.5 / November 2010**

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# 1 Introduction

The guidelines of implementation at hand concern the EDIFACT subset "Orders". They were provided by ITEK on behalf of the Arbeitsgemeinschaft Neue Medien der deutschen Sanitärindustrie e.V. and the Deutscher Großhandelsverband Haustechnik e.V.

With the EDIFACT subset ORDERS, the order data of the wholesale trade are transferred to the manufacturer in respect in a quick, safe and economic manner. This is a description of the subset and the guidelines of implementation. It normalises and standardises the process of electronic order data transfer from trade to industry.

By means of the uniform use of the order data on the part of the wholesale trade, and by the uniform processing of this data on part of the industry, the security necessary for the process is provided for both sender and recipient.

The individual guidelines of implementation are given at the end of each segment and are stressed by colour. If you pay adherence to the guidelines of implementation, you will achieve the uniform processing of your order data and gain the security necessary for the process. For this reason, the uniform use of order data in terms of the guidelines of implementation is mandatory for the uniform processing of your orders on part of the suppliers.

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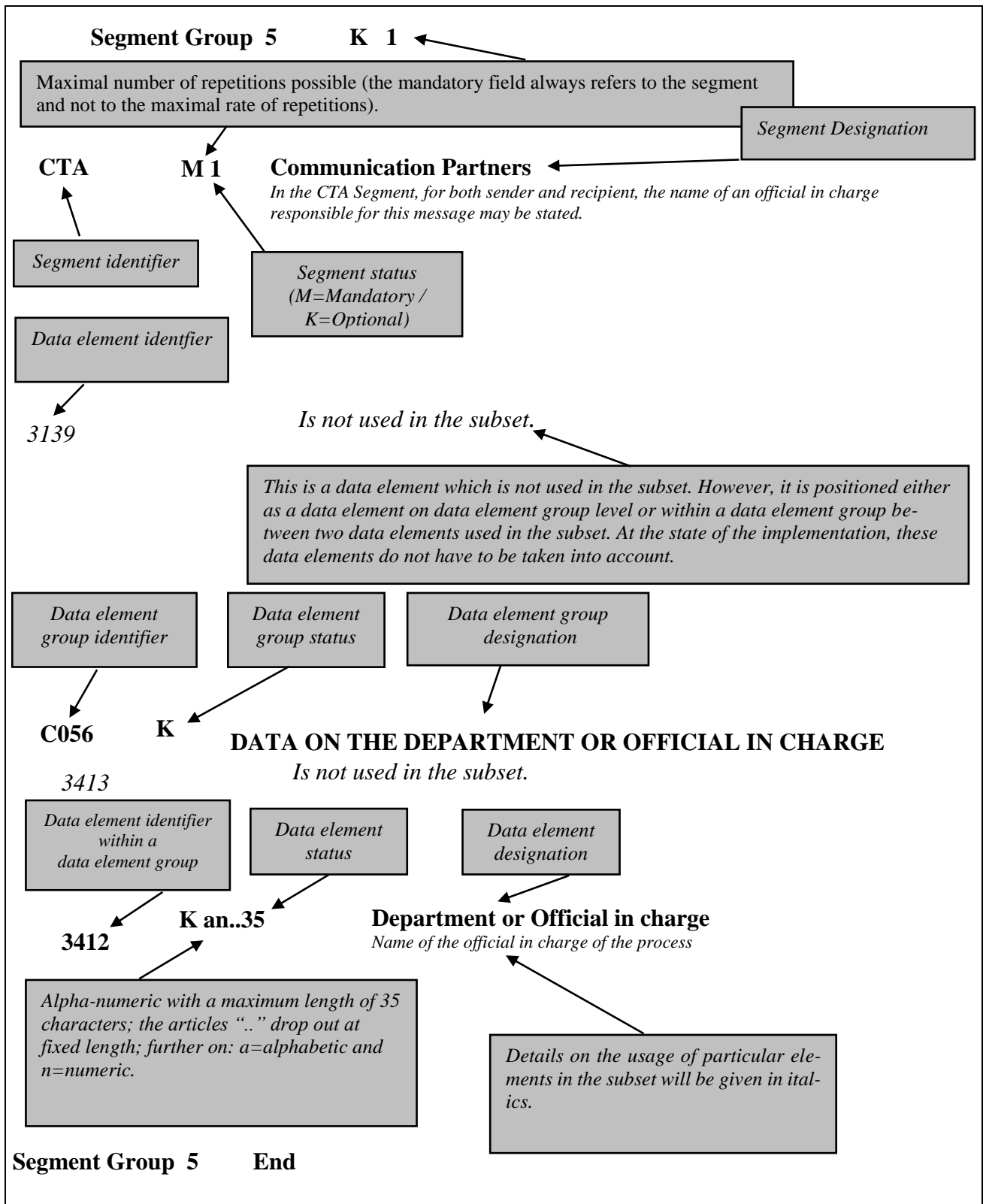
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The EDIFACT Subset is based on the EDIFACT syntax version 3 and the following public documents:

- EDIFACT – Standardised message type "ORDERS"
- UN/EDIFACT Directory 96B, UN/ECE/TRADE/WP.4
- EDIFACT Application service segments, draft DIN 16560-Part 1, February 1994
- UN/EDIFACT code list D.97A

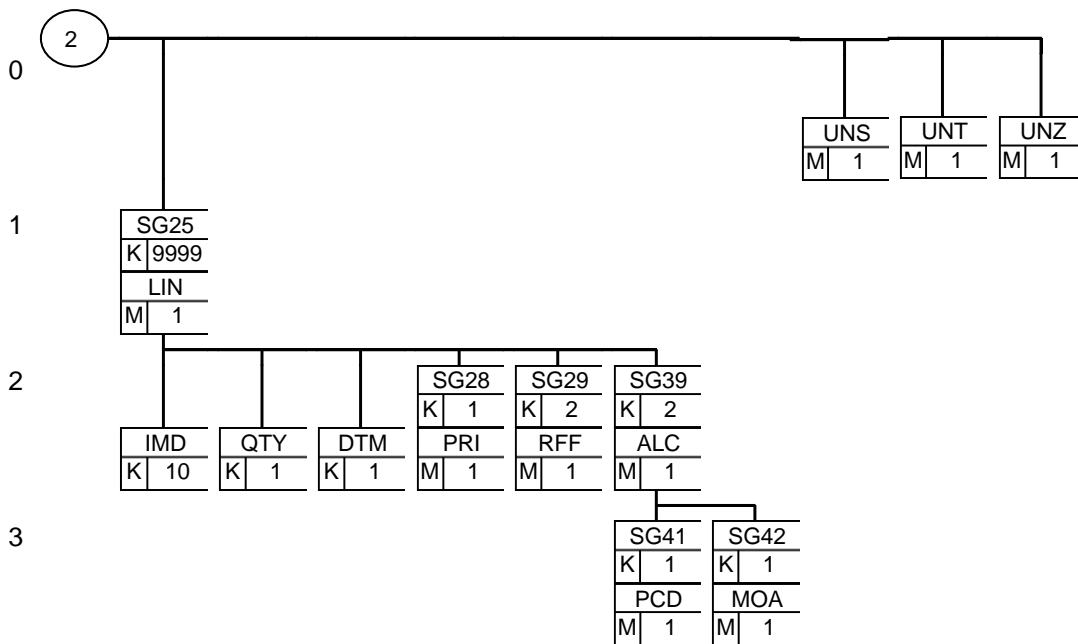
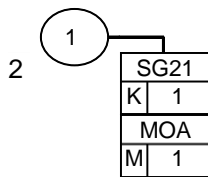
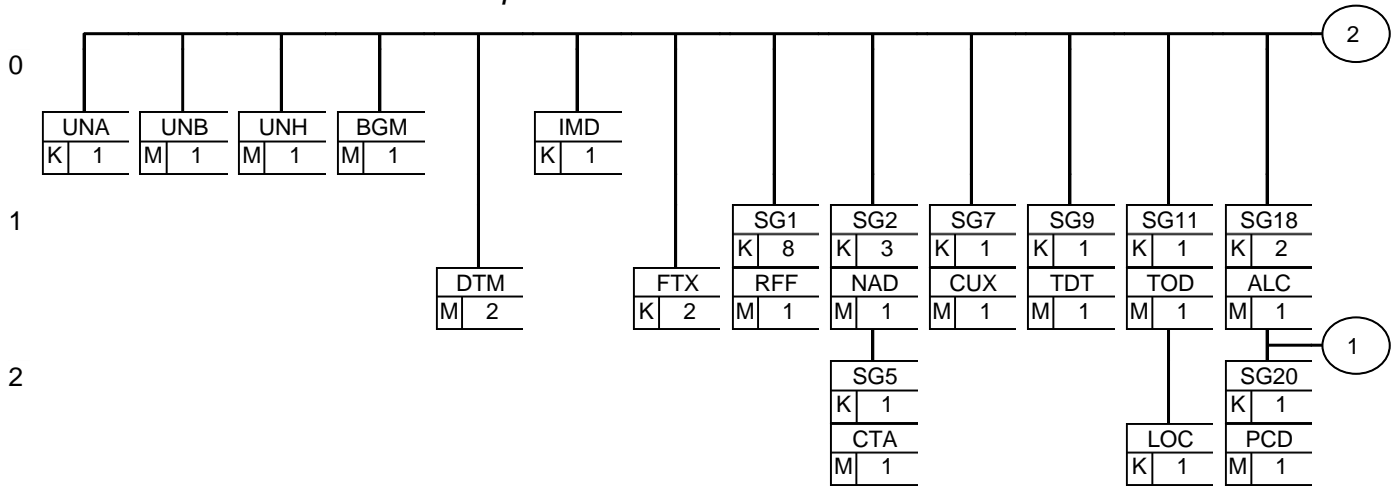
Paderborn, November 2010

## 2 Instructions for Usage



### 3 Message Structure Diagram

The following illustration shows the message structure of the subset "Orders" with segment status and at a maximum rate of repetition.



## 4 History

Alteration date	Segment	Alteration
30/11/2006	BGM C002 / 1001	Inclusion of the codes "YA8" Exceptional order warehouse (120) "YS8" Exceptional order collective order (447) "YK8" Exceptional order consignment (227)
29/09/2008	UNB/S002/0007	Inclusion of qualifier "14" Sender ILN
29/09/2008	UNB/S003/0007	Inclusion of qualifier "14" Recipient ILN
16/03/2009	SG5	Inclusion of communication addresses segment
05/07/2010	SG25	Inclusion of PIA segment for transmission of the article number generated for article variants
05/07/2010	SG25 / IMD	Inclusion of qualifier "GAT" for transmission of the article text generated for article variants
05/07/2010	SG 25 / IMD	Inclusion of qualifier "M" for transmission of the list of characteristics for article variants
05/07/2010	SG 25 / IMD	Repetition frequency increased to 99

## 5 Message Structure of the Subset

### UNA K 1 Presetting of Separators

*In the UNA segment, separators, decimal marks and release indicators are predefined. It is defined only once and will apply to all following messages until it is revoked. Consequently, it won't be transferred furthermore.*

*If needed, value: “:+,? ”*

*: Separates data elements in a data element group*

*+ Separates segment designations, data element groups and data elements*

*, Decimal marker (comma)*

*? Release indicator, restores the original meaning of the mark that follows the release indicator.*

*Blank space – reserved for later applications*

*‘ Segment terminator*

**UNB M 1 Usage Data Head Segment**

*The UNB segment transfers data concerning syntax, sender/ recipient of the interchange file, date and time of its creation, and a data exchange reference. Optionally, a password for the recipient may be included in the transfer as well.*

<b>S001</b>	M	SYNTAX DESIGNATOR								
<b>0001</b>	M a4	Syntax Identifier <i>Constant value:</i> <table border="1" data-bbox="486 562 1449 600"> <tr> <td><b>"UNOC"</b></td> <td><i>EDIFACT syntax version C</i></td> </tr> </table>	<b>"UNOC"</b>	<i>EDIFACT syntax version C</i>						
<b>"UNOC"</b>	<i>EDIFACT syntax version C</i>									
<b>0002</b>	M n1	Syntax Version Number <i>Constant value:</i> <table border="1" data-bbox="486 725 1449 763"> <tr> <td><b>"3"</b></td> <td><i>EDIFACT syntax version 3</i></td> </tr> </table>	<b>"3"</b>	<i>EDIFACT syntax version 3</i>						
<b>"3"</b>	<i>EDIFACT syntax version 3</i>									
<b>S002</b>	M	SENDER OF THE INTERCHANGE FILE								
<b>0004</b>	M an..35	Sender Designation <i>Sender Identifier (e. g. identification number in Telebox400)</i>								
<b>0007</b>	K an..4	Participant designation, Qualifier <i>This data element serves the definite specification of the participants. The following codes are available:</i> <table border="1" data-bbox="486 1167 1449 1364"> <tr> <td><b>"52"</b></td> <td><i>Sender IBM/IE User</i></td> </tr> <tr> <td><b>"65"</b></td> <td><i>Sender Telebox400 User</i></td> </tr> <tr> <td><b>"ZZZ"</b></td> <td><i>Sender (other network operators)</i></td> </tr> <tr> <td><b>"14"</b></td> <td><i>Sender ILN</i></td> </tr> </table>	<b>"52"</b>	<i>Sender IBM/IE User</i>	<b>"65"</b>	<i>Sender Telebox400 User</i>	<b>"ZZZ"</b>	<i>Sender (other network operators)</i>	<b>"14"</b>	<i>Sender ILN</i>
<b>"52"</b>	<i>Sender IBM/IE User</i>									
<b>"65"</b>	<i>Sender Telebox400 User</i>									
<b>"ZZZ"</b>	<i>Sender (other network operators)</i>									
<b>"14"</b>	<i>Sender ILN</i>									
<b>S003</b>	M	RECIPIENT OF THE INTERCHANGE FILE								
<b>0010</b>	M an..35	Recipient Designation <i>Recipient Identifier (e. g. identification number in Telebox400)</i>								



**0007** K an..4 Recipient Designation, Qualifier

*This data element serves the definite specification of the participants. The following codes are available:*

"52"	Recipient IBM/IE User
"65"	Recipient Telebox400 User
"ZZZ"	Recipient (other network operators)
"14"	Recipient ILN

**S004** M DATE/TIME OF CREATION**0017** M n6 Date of Creation

*Date of creation of the message by the sender in the format "YYMMDD". (This format is prescribed according to the EDIFACT Usage Guideline for Service Segments).*

**0019** M n4 Time of Creation

*Format: HHMM*

**0020** M an..14 DATA INTERCHANGE REFERENCE

*Number for each communication address (X.400, Provider, ...) and message/data type, consistently rising in ascending order. The data exchange reference number serves as a plausibility test for the assessment of double transmissions and failed transmissions. This task is being fulfilled by the converter.*

**S005** K REFERENCE/PASSWORD OF THE RECIPIENT**0022** M an..14 Reference or password of the recipient

*A password permits the access to the network or user system of the recipient. The Sender and recipient may agree upon a password bilaterally.*

**UNH M 1** Message Head Segment

*In the UNH segment, a message is identified unambiguously. The EDITEC subset "Orders" is based on the message type "ORDERS".*

**0062** M an..14 MESSAGE REFERENCE NUMBER

*In each transfer file, every message is consistently numbered in ascending order, beginning with "1". This task is being fulfilled by the converter.*

**S009** M MESSAGE IDENTIFIER

**0065** M an..6 Message Type Identifier

*Constant value:*

"ORDERS"	Order
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**0052** M an..3 Version Number of the Message Type

*Constant value:*

"D"	Draft Directory
-----	-----------------

**0054** M an..3 Release Number of the Message Type

*Constant value:*

"96B"	UN/EDIFACT Draft Directory D.96B
-------	----------------------------------

**0051** M an..2 Administrative Organisation, encoded

*Constant value:*

"UN"	United Nations UN/ECE/TRADE/WP.4
------	----------------------------------

**0057** K an..6 Operational Code of the Organisation in Charge

*Constant value:*

"ITEK35"
----------

**BGM** M 1 Beginning of the Message

*In the BGM segment, the purpose and name of the message are defined.*

*Smallest orders may be collected throughout the day and then transferred in one single process of transmission (e. g. all orders as attachments of one mail), without suffering from any disadvantage as far as the conditions are concerned. Each of these singular orders will be marked as a collective order in the BGM. By using the REF segment, these orders will be linked by an additional number for the collective order. Even without the interpretation of this number, the conditions for the collectively transferred orders will apply.*

**C002** K DOCUMENT-/MESSAGE NAME

**1001** K an..3 Document/Message Name, encoded

*The following codes are available:*

"120"	Order (stock order)
"220"	Customer order at the wholesaler's
"221"	Call-off order
"226"	Partial call-off order
"227"	Order on commission (only one customer commission per order)
"228"	Exhibition order
"126"	Third-party order
"YA8"	Exceptional order – warehouse (120)
"YS8"	Exceptional order – collective order (447)
"YK8"	Exceptional order – consignment (227)
"248"	Open purchase order quantity of the wholesale trade
"447"	Collective order; indicates an order as a collective order that will be transferred together with other orders of this collective order. The number for the collective order will be transferred in the RFF segment.

**C106** K DOCUMENT/MESSAGE IDENTIFICATION

**1004** K an..35 Document/Message Number

*Order number of the wholesaler.*

**Implementation Note:**

With the codes defined in the BGM segment, you indicate the type of your order. By means of these codes, the industry is able to specifically direct the automatic processing of your order data and secure the desired way of processing. The codes have the following meanings for the processing at the manufacturer's:

120	Order (stock order)	Via this code you mark your order as a stock order. This means that the order only contains articles intended for stock.
227	Order on commission	Via this code you mark your order as an order on commission. This means the order only contains articles that can be assigned to a commission.
228	Exhibition order	Via this code you mark your order as an exhibition order. This means the order only contains articles intended for the exhibition.  Via these codes, the manufacturer is able to logistically separate stock orders and orders on commission, to pack them separately to the order and mark them accordingly.
220	Customer Order	Wholesaler
221	Call-off order	Via this code, call-off orders may be ordered at the manufacturer's.
226	Partial call-off order	Via this code, partial call-off orders from call-off orders may be executed.
126	Third-party order	Orders which shall be delivered directly to a plumber or to a building site and not to the address of the wholesaler can be placed via this code.
YA8	Exceptional order (stock orders 120)	In case of an exceptional stock order the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.
YS8	Exceptional order (collective orders 447)	In case of an exceptional collective order (447) the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.
YK8	Exceptional order (commission orders 227)	In case of an exceptional commission order (227) the order is taken out of automatic processing and placed in the work flow distribution indoor service at the manufacturer's. Usually, these orders contain especially negotiated conditions that the header texts have to point out. This way, also special orders referring to special offers can be transferred safely via EDIFACT. The special conditions are read from the header texts and can be adopted after verification.

447	Collective order	<p>Due to minimum order values, collective orders used to be collected throughout the day. In the evening, they were sent via facsimile as an collective order with a cover sheet.</p> <p>The code for collective orders was thus introduced to execute the same process via EDIFACT. In case of collective orders, small orders can still be collected throughout the day. Then, in the evening, they can be sent in an interchange file (not intermingled with other orders) via EDIFACT and the code "447".</p> <p>Each small order has its proper order number. The collective order number in the RFF segment serves as a mark of identification and also to encompass these orders. Only orders with a collective order number may be included in the interchange file.</p>
220	Customer order at the wholesaler's	<p>Here, within the framework of the LOGHIN process, the wholesaler is given the possibility to transfer his open customer orders to the manufacturer on a certain date for the purpose of information. See implementation guideline INVRPT.</p>
248	Open purchase order quantity of the wholesaler	<p>See Implementation Guideline INVRPT (LOGHIN process.)</p>

**DTM M 2** Date/Time/Period Data

*In the DTM segment at least the purchase order date has to be transferred. In addition, information concerning the desired date of delivery of the whole order may be given.*

**C507** M DATE/TIME/PERIOD DATA**2005** M an..3 Date/Time/Period Data, Qualifier

*The following codes are available:*

"4"	Purchase order date
"2"	Delivery date
"17"	Fixed delivery date

**2380** K an..35 Date/Time/Period Data

*Date, formatted as stated in data element 2379.*

**2379** K an..3 Date/Time/Period Data, Format, Qualifier

*The following codes are available:*

"102"	YYYYMMDD
"616"	YYYYWW (week of delivery)
"203"	YYYYMMDDHHMM (year, month, day, hour, minute)

**Implementation note:**

The "delivery date" is defined as the date of the arrival of the goods. It is recommended to transfer the date in the format YYYYMMDD. The supplier is not bound to the delivery date stated in the order. The actual date of delivery is the date of the next tour or the date stated in the order acceptance.

**IMD K 1 Description of the Message**

*In the IMD segment an order may be marked as an express- and/or full delivery.*

7077 IS NOT USED IN THE SUBSET.

7081 IS NOT USED IN THE SUBSET.

**C273 K DESCRIPTION OF THE MESSAGE**

**7009** K an..17 Description of the line item

*The following codes are available:*

<i>"EL"</i>	<i>Express delivery (fastest dispatch type sequence possible is preferred for processing)</i>
<i>"VL"</i>	<i>Full delivery (complete delivery)</i>
<i>"EV"</i>	<i>Express delivery &amp; full delivery</i>

1131 *Is not used in the subset.*

**3055** K an..3 Administrative Organisation, encoded

*Constant value:*

<i>"89"</i>	<i>Administrative Organisation ITEK</i>
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**Implementation Note:**

EL	Express delivery	Orders marked EL will not be sent by the manufacturer with the next tour or stock delivery. Instead, they will be commissioned immediately and sent by the fastest dispatch type sequence (usually parcel service).
VL	Full delivery	The order will not be sent by the manufacturer unless the full quantity of all order items can be delivered.
EV	Express delivery & Full delivery	A combination of express delivery and full delivery applies here.

**FTX K 2 Free Text**

*In the FTX segment an additional text concerning the order and a notification text for the forwarding agent may be transferred. If possible, this segment should not be used, since it necessitates a manual processing of the message.*

**4451 M an..3 TEXT, QUALIFIER**

*The following codes are available:*

<b>"ORI"</b>	<i>Additional text concerning the order</i>
<b>"DIN"</b>	<i>Notification text for the forwarding agent</i>

**Implementation Note:**

ORI	Additional text concerning the order	<p>The processing of EDIFACT orders of the wholesale trade is usually executed fully automatically. This means that the free texts concerning the order are not registered when processing the order. For this reason, one should refrain from transmitting free order texts.</p> <p>These texts do only make sense in the case of special orders in combination with a YA8, YS8 or YK8 qualifier in the BGM segment. EDIFACT orders with a YA8, YS8 or YK8 qualifier are taken out of the automatic processing and placed in the work flow distribution indoor service. Here, the special conditions referred to in the free order text are read, verified and processed within the frame of the order in the manufacturer's system. The system is not permitted to delete free order texts. They <b>have to</b> be provided on the shipping documents.</p>
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**4453** *IS NOT USED IN THE SUBSET.*

**C107** *IS NOT USED IN THE SUBSET.*

**C108 K FREE TEXT**

**4440** M an..70 Free Text

**4440** K an..70 Free Text

**4440** K an..70 Free Text

**4440** K an..70 Free Text

**4440** K an..70 Free Text



**Segment Group 1 K 8**

*This Segment Group contains the RFF segment and serves the referencing of documents and processes referring to the order.*

**RFF M 1 Reference Data**

*In the RFF segment, numbers concerning documents and processes that refer to the order are transferred.*

**C506 M REFERENCE DATA**

**1153 M an..3 Reference, Qualifier**

*The following codes are available:*

<i>“ACE”</i>	<i>Supplier’s transaction number</i>
<i>“AEP”</i>	<i>Object number</i>
<i>“AFO”</i>	<i>Object designation (characters 1-30)</i>
<i>“AFP”</i>	<i>Object designation (characters 31-60)</i>
<i>“AAS”</i>	<i>Store number</i>
<i>“CO”</i>	<i>Number of the call-off order</i>
<i>“ZZZ”</i>	<i>Process has already been transferred</i>
<i>“ACD”</i>	<i>Additional reference, here: collective order number (see the related note in the BGM segment)</i>

*If the store number (AAS) is transferred, the entry of a delivery address is not necessary. The store number has to be verified as well.*

**1154 K an..35 Reference number**

*Reference number, refers to the chosen qualifier stated in data element 1153.*

**Implementation Note:**

AAS	Store number	This qualifier serves the automatic consulting of the delivery address to such stores of the wholesaler’s that the manufacturer has created as pure goods recipients. The store number used here is defined by the wholesaler and is coordinated with the manufacturer for the purpose of allocating the address.
ACE	Supplier’s transaction number	These codes serve the identification within the processing of object orders and call-off orders.
AEP	Object number	
AFO	Object designation	
AFP	Object designation	
CO	Number of the call-off order	

**Segment Group 1 End**

**Segment Group 2                    K 3**

*This segment group contains the NAD segment and segment group 5 and serves the indication of the partners and locations involved in the message.*

**NAD            M 1            Name and Address**

*In the NAD segment data concerning the identification of the partners involved is transferred as well as important address information.*

**3035            M an..3            PARTNERS, QUALIFIER**

*The following codes are available:*

"SU"	Manufacturer (Industry)
"WS"	Wholesaler
"ST"	Delivery address (route)

**C082            K                    IDENTIFICATION OF THE PARTNER****3039            M an..35            Partner Identification Number, encoded**

*Depending on the qualifier stated above, the identification number of the partner is stated here.*

1131                    *Is not used in the subset.*

**3055            K an..3            Administrative Organisation, encoded**

*The following codes are available:*

"9"	EAN (CCG as the German issuer of the ILN numbers)
"ZZZ"	bilaterally agreed upon (customer and supplier numbers)

C058                    *IS NOT USED IN THE SUBSET.*

**C080            K                    NAME OF THE PARTNER****3036            M an..35            Name of the Partner**  
*Name 1 of the partner.***3036            K an..35            Name of the Partner**  
*Name 2 of the partner.***3036            K an..35            Name of the Partner**  
*Name 3 of the partner.*

**C059** K STREET

**3042** M an..35 Street and House Number, Post Office Box

**3164** K an..35 LOCATION

3229 *IS NOT USED IN THE SUBSET.*

**3251** K an..9 POSTAL CODE

**3207** K an..3 COUNTRY, ENCODED

*The most important country codes according to ISO 3166 (the postal codes have to be given on the delivery note papers):*

<i>"AT"</i>	<i>Austria</i>
<i>"BE"</i>	<i>Belgium</i>
<i>"BG"</i>	<i>Bulgaria</i>
<i>"CA"</i>	<i>Canada</i>
<i>"DK"</i>	<i>Denmark</i>
<i>"FI"</i>	<i>Finland</i>
<i>"FR"</i>	<i>France</i>
<i>"DE"</i>	<i>Germany</i>
<i>"GB"</i>	<i>Great Britain</i>
<i>"GR"</i>	<i>Greece</i>
<i>"IE"</i>	<i>Ireland</i>
<i>"IT"</i>	<i>Italy</i>
<i>"LU"</i>	<i>Luxembourg</i>
<i>"NL"</i>	<i>Netherlands</i>
<i>"NO"</i>	<i>Norway</i>
<i>"PT"</i>	<i>Portugal</i>
<i>"ES"</i>	<i>Spain</i>
<i>"SE"</i>	<i>Sweden</i>
<i>"CH"</i>	<i>Switzerland</i>
<i>"TR"</i>	<i>Turkey</i>
<i>"US"</i>	<i>USA</i>



**Segment Group 7                    K   1**

*This segment group contains the CUX segment and serves the transfer of a reference currency for the complete order.*

**CUX            M   1            Currency Data**

*In the CUX segment data concerning currency units is transferred.  
This data is required for international transactions.*

**C504            K                    CURRENCY DATA****6347            M   an..3            Currency Data, Qualifier**

*Constant value:*

<i>"2"</i>	<i>Reference currency</i>
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**6345            K   an..3            Currency, encoded**

*The most important currency codes according to ISO 4217:*

<i>"DKK"</i>	<i>Danish kroner (crowns)</i>
<i>"EUR"</i>	<i>Euros</i>
<i>"GBP"</i>	<i>British pounds</i>
<i>"CAD"</i>	<i>Canadian dollars</i>
<i>"NOK"</i>	<i>Norwegian kroner (crowns)</i>
<i>"PLZ"</i>	<i>Polish zloty</i>
<i>"SEK"</i>	<i>Swedish krona (crowns)</i>
<i>"CHF"</i>	<i>Swiss francs</i>
<i>"USD"</i>	<i>US dollars</i>

**Segment Group 7 End**

**Segment Group 9**                      **K 1**

*This segment group contains the TDT segment for the indication of transport data.*

**TDT**            M 1            Transport data

*In the TDT segment, the desired mode of transportation for the complete order may be transferred.*

**8051**            M an..3        TRANSPORT DATA, QUALIFIER

*Constant value:*

"13" <i>Transport</i>
-----------------------

8028                                      *IS NOT USED IN THE SUBSET.*

**C220**            K                      MODE OF TRANSPORTATION**8067**            K an..3        Mode of Transportation, encoded

*The following codes are available:*

"1" <i>Sea freight</i>
"2" <i>Rail freight</i>
"21" <i>Express rail freight</i>
"22" <i>Wagon</i>
"3" <i>Street (truck/lorry)</i>
"30" <i>Forwarding agent</i>
"4" <i>Air freight</i>
"5" <i>Mail</i>
"50" <i>Parcel service</i>
"51" <i>Parcel express service</i>
"90" <i>Pickup</i>
"6" <i>Mixed</i>

**Segment Group 9**                      **End**

**Segment Group 11                    K   1**

*This segment group contains the TOD and LOC segments and serves the indication of the terms of delivery.*

**TOD            M   1            Terms of Delivery**

*In the TOD segment, the desired terms of delivery are transferred for the complete order.*

**4055            K   an..3            TERMS OF DELIVERY REFERENCE, ENCODED**

*Constant value:*

<i>"6"            Postage</i>
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4215

*IS NOT USED IN THE SUBSET.*

**C100            K                    TERMS OF DELIVERY****4053            K   an..3            Terms of Delivery, encoded**

*The following codes are available:*

<i>"CAF"            cost and freight to destination</i>
<i>"DDP"            delivery duty paid to destination</i>
<i>"DAF"            delivered at German frontier, duty unpaid</i>
<i>"FCA"            free carrier</i>
<i>"CAI"            cost and insurance (not prepaid)</i>
<i>"ZZZ"            mutually defined conditions</i>

**LOC K 1 Location Data**

*In the LOC segment, data concerning the train station of destination may be transferred.*

**3227** M an..3 LOCATION DATA, QUALIFIER

*Constant value:*

<i>"11" Train station of destination</i>
--

**C517** K LOCATION DATA

**3225** K an..25 Location Data

*Indication of the train station of destination.*

1131 *Is not used in the subset.*

3055 *Is not used in the subset.*

**3224** K an..70 Location Data

**Segment Group 11 End**



**Segment Group 18**                      **K**                      **2**

*This segment group contains the ALC segment and the segment Groups 20 and 21. It serves the transmission of allowances and additional charges for the complete order.*

**ALC**                      M 1                      Allowances and additional charges

*In the ALC segment allowances and additional charges for the complete order may be transferred.*

**5463**                      M an..3                      ALLOWANCES AND ADDITIONAL CHARGES, QUALIFIER

*The following codes are available:*

"A"	Allowance
"C"	Charge

C552                      *IS NOT USED IN THE SUBSET.*

4471                      *IS NOT USED IN THE SUBSET.*

1227                      *IS NOT USED IN THE SUBSET.*

**C214**                      K                      SPECIAL PAYMENTS**7161**                      K an..3                      Special Payments, encoded

*The following codes are available:*

"FI"	EURO value per order
"RAA"	Discount rate

*In case that more than one code is used for the complete order, these have to be subtracted from or added to the net amount, in the indicated order.*

*EURO values are absolute, fixed values. They are taken into account at the final step of the chain calculation.*

**Segment Group 20 K 1**

*This segment group contains the PCD segment and serves the transfer of percentage rate data concerning the allowances and additional charges.*

**PCD** M 1 Percentage Rate Data

*In the PCD segment the percentage rate of the allowances and additional charges is transferred.*

**C501** M PERCENTAGE RATE DATA

**5245** M an..3 Percentage Rate Data, Qualifier

*Constant value:*

<i>"3" Percentage rate</i>
----------------------------

**5482** K n..10 Percentage rate

*The percentage rate is transferred with two digital fractions.*

**Implementation Note:**

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in the form of an Exceptional Order (BGM / 002 / 1001 YA8, YS8, and YK8).

**Segment Group 20 End**

**Segment Group 21                    K    1**

*This segment group contains the MOA segment and serves the transfer of allowances and additional charges in terms of concrete/fixed amounts of money.*

**MOA        M    1        Amount of Money**  
*In the MOA segment, an amount of money may be transferred.*

**C516        M            AMOUNT OF MONEY**

**5025        M    an..3    Amount of Money, Qualifier**  
*Constant value:*

<p><b>"8"            for amount of money</b></p>
--

**5004        K    n..18    Amount of Money**  
*Additional allowance or charge with two decimal fractions.*

**Implementation Note:**

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in the form of an Exceptional Order (BGM / 002 / 1001 YA8, YS8, and YK8).

**Segment Group 21                    End**

**Segment Group 18                    End**

**Segment Group 25                    K    9999**

*This segment group contains the segments LIN, IMD, QTY, DTM and the segment groups 28, 29, 39, 41 and 42. It serves the transfer of the line item data.*

**LIN            M   1        Line Item Data**

*In the LIN segment the article number of an ordered article is transferred according to a successive line item number.*

**1082**        K   n..6        LINE ITEM NUMBER  
*Wholesaler's successive line item number.*

1229                                    *IS NOT USED IN THE SUBSET.*

**C212        K                PRODUCT IDENTIFICATION**

**7140**        K   an..35        Goods Number / Service Number  
*Supplier's article number; if there is no article number, a textual specification follows in the segment "IMD". The data element group C212 is not transferred in this case.*

**7143**        K   an..3        Goods Number / Service Number, encoded  
*The following codes are available:*

<i>"MF"</i>	<i>Manufacturer's article number</i>
<i>"EN"</i>	<i>EAN (European Article Number)</i>

**PIA K 1 Additional Product Information****4347** M an..3 PRODUCT IDENTIFICATION FUNCTION*Constant value:***"1"** *Additional product information***C212** M GOODS OR SERVICE NUMBER IDENTIFICATION**7140** M an..35 Goods/Service Number*Article number***7143** M an..3 Goods/Service Number, encoded*The following codes are available:***"GA"** *Article number generated for article variants*1131 *Is not used in the subset.***3055** K an..3 Administrative Organisation, encoded*Constant value:***"89"** *Administrative Organisation ITEK***C212** M PRODUCT IDENTIFICATION**7140** M an..35 Goods or Service Number*Supplier's article number***7143** M an..3 Goods or Service Number, encoded*The following codes are available:***"GA"** *Article number generated for article variants*1131 *Is not used in the subset.***3055** K an..3 Administrative Organisation, encoded*Constant value:***"89"** *Administrative Organisation ITEK*

**C212** M GOODS OR SERVICE NUMBER IDENTIFICATION

**7140** M an..35 Goods/Service Number  
*Article number*

**7143** M an..3 Goods/Service Number, encoded  
*The following codes are available:*

<b>"GA"</b> <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

**3055** K an..3 Administrative Organisation, encoded  
*Constant value:*

<b>"89"</b> <i>Administrative Organisation ITEK</i>
---

**C212** M GOODS OR SERVICE NUMBER IDENTIFICATION

**7140** M an..35 Goods/Service Number  
*Article number*

**7143** M an..3 Goods/Service Number, encoded  
*The following codes are available:*

<b>"GA"</b> <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

**3055** K an..3 Administrative Organisation, encoded  
*Constant value:*

<b>"89"</b> <i>Administrative Organisation ITEK</i>
---

**C212** M GOODS OR SERVICE NUMBER IDENTIFICATION

**7140** M an..35 Goods/Service Number  
*Article number*

**7143** M an..3 Goods/Service Number, encoded  
*The following codes are available:*

<b>"GA"</b> <i>Article number generated for article variants</i>
--

1131 *Is not used in the subset.*

**3055** K an..3 Administrative Organisation, encoded  
*Constant value:*

<b>"89"</b> <i>Administrative Organisation ITEK</i>
---

**IMD**      K    10      Description of the Line Item  
*In the IMD segment, an additional text concerning the line item may be transferred.*  
*If possible, no use should be made of this segment, since it necessitates a manual processing of the message.*  
*An exception is made though of the transfer of the article text generated and the list of characteristics for article variants.*

7077                      *IS NOT USED IN THE SUBSET.*

7081                      *IS NOT USED IN THE SUBSET.*

**C273**      K                      DESCRIPTION OF THE POSITION/LINE ITEM

**7009**      K    an..17    Description of the Line Item

- Code "ZU" for an additional text referring to the line item:  
*This code is used if a verbal description of the item is necessary in addition to the article number. The IMD segment may be repeated eight times in this case, offering 40 characters for each repetition (thus a total of 320 characters).*

- Code "SP" for specifications of the article:  
*This code is used if there is no article number. The IMD segment may thereby be repeated two times for the specification of the article, offering 40 characters for each repetition. If the code "SP" is indicated, there is the additional possibility to use the code "ZU" for an additional text. This means that, in this case, the IMD segment could be repeated a maximum of ten times.*

- Code "GAT" for generated article text:  
*This code is used if generated article text for an article variant is transferred. The text is transferred in chunks of 35 characters each in the 7008 data elements.*

- Code "M" for characteristics:  
*This code is used if the list of characteristics for an article variant is transferred. In this case, the characteristics ID is transferred in the first 7008 data element, and the characteristics value in the second 7008 data element.*

1131                      Is not used in the subset.

**3055**      K    an..3      Administrative Organisation, encoded  
*Constant value:*

"89"                      *Administrative Organisation ITEK*

**7008**      K    an..35    Description of the Line Item  
*Characters 1-35.*

**7008**      K    an..35    Description of the Line Item  
*Characters 36-40.*

**Implementation Note:**

Usually, your orders will be processed automatically at the manufacturer's. This means that no articles may be transferred that do not have a definite article number, or no article number at all. Line items that do not have an article number, but a description of the line item, are not processed and confirmed by most manufacturers. For this reason, it is recommended to include the complete article master data in the enterprise resource planning at the wholesaler's. This would make it possible to do without the use of the IMD segment.



**QTY K 1** Quantity

*In the QTY segment the order quantities and the according unit of measurement are transferred.*

**C186** M QUANTITY DATA

**6063** M an..3 Quantity, Qualifier  
*Constant value:*

*"12" for quantity*

**6060** M n..15 Quantity  
*Quantity of the article; three decimal fractions.*

**6411** K an..3 Unit of Measurement, Qualifier  
*The following codes are available:*

<i>"CMK"</i>	<i>Square centimetre</i>
<i>"CMQ"</i>	<i>Cubic centimetre</i>
<i>"CMT"</i>	<i>Centimetre</i>
<i>"DZN"</i>	<i>Dozen</i>
<i>"GRM"</i>	<i>Gramme</i>
<i>"HLT"</i>	<i>Hectolitre</i>
<i>"KGM"</i>	<i>Kilogramme</i>
<i>"KTM"</i>	<i>Kilometre</i>
<i>"LTR"</i>	<i>Litre</i>
<i>"MMT"</i>	<i>Millimetre</i>
<i>"MTK"</i>	<i>Square metre</i>
<i>"MTQ"</i>	<i>Cubic metre</i>
<i>"MTR"</i>	<i>Metre</i>
<i>"PCE"</i>	<i>Piece</i>
<i>"PR"</i>	<i>Pair</i>
<i>"SET"</i>	<i>Set</i>
<i>"TNE"</i>	<i>Tonne</i>

**Implementation Note:**

The units of quantity should be consistent in the systems of wholesale trade and industry.

For this reason, a comparison of the article master data is strongly recommended before the processing of the EDIFACT order data transfer. As a wholesaler, you may use the industry portal [www.shk-branchenportal.de](http://www.shk-branchenportal.de) to download the complete and up-to-date article master data of the HVAC industry, choosing from individual data formats and compilations. Thus, you may establish the necessary master data comparison.

**Implementation note forsets of articles:**

**Definition:** Set/Package = consists of several individually marketable components

**Illustration:** The set/package article number with the article numbers of the components is transferred by means of the qualifiers in the QTY segment:

- The set/package article number is marked by the wholesaler with the “SET” qualifier instead of the “PCE” qualifier.
- The set/package components are marked by the wholesaler with the “ZZZ” qualifier in the QTY segment. “ZZZ” is processed by the industry as an additional order instruction and will not result in a delivery.
- In the order confirmation/despatch advice the set/package article number is reported back by the industry also with the “SET” qualifier, and the one for the components also with the “ZZZ” qualifier.

**DTM** K 1 Date/Time/Period Data

*In the DTM segment, data concerning singular line items that diverges from the head section in terms of the delivery date may be provided.*

**C507** M DATE/TIME/PERIOD DATA**2005** M an..3 Date/Time/Period Data

"2"	Delivery date
"17"	Fixed delivery date

**2380** K an..35 Date/Time/Period Data

*Date, formatted as stated in data element 2379.*

**2379** K an..3 Date/Time/Period Data, Format, Qualifier

*The following codes are available:*

"102"	YYYYMMDD
"616"	YYYYWW (week of delivery)
"203"	YYYYMMDDHHMM (year, month, day, hour, minute)

**Implementation Note:**

The delivery date is defined as the date of the arrival of the goods. It is recommended to transfer the date of the day in the format YYYYMMTT. The delivery date stated in the order is not binding for the supplier. The date of the next tour or the date given in the order acceptance is taken as the delivery date.



**6411** K an..3 Unit of Measurement, Qualifier

*This data element is to be used only, if the price data refers to another unit of measurement than the quantity data of the order. The following codes are. The following codes are available:*

<b>"CMK"</b>	Square centimetre
<b>"CMQ"</b>	Cubic centimetre
<b>"CMT"</b>	Centimetre
<b>"DZN"</b>	Dozen
<b>"GRM"</b>	Gramme
<b>"HLT"</b>	Hectolitre
<b>"KGM"</b>	Kilogramme
<b>"KTM"</b>	Kilometre
<b>"LTR"</b>	Litre
<b>"MMT"</b>	Millimetre
<b>"MTK"</b>	Square metre
<b>"MTQ"</b>	Cubic metre
<b>"MTR"</b>	Metre
<b>"NRL"</b>	Number of rolls
<b>"PCE"</b>	Piece
<b>"PR"</b>	Pair
<b>"SET"</b>	Set
<b>"TNE"</b>	Tonne

**Implementation Note:**

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT-orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

**Segment Group 28 End**

**Segment Group 29                    K    2**

*This segment group contains the RFF segment and serves the referencing of a potential previous offer or contract.*

**RFF            M    1            Reference Data**

*In the RFF segment, the numbers of documents are transferred that the order line item refers to.*

**C506            M                    REFERENCE DATA****1153            M    an..3            Reference, Qualifier**

*The following codes are available:*

<i>"CO"</i>	<i>Number of the call-off order</i>
<i>"LI"</i>	<i>Supplier's current line item number</i>

**1154            K    an..35            Reference Number**

*Reference, as stated in data element 1153. The supplier's current line item number is only indicated if one is referring to a current offer.*

**Segment Group 29    End**

**Segment Group 39                    K    2**

*This segment group contains the ALC segment and the segment groups 41 and 42. It serves the transfer of allowances and additional charges concerning the order line items.*

**ALC            M    1            Allowances and additional charges**

*In the ALC segment allowances and additional charges concerning singular line items are transferred.*

**5463            M    an..3    ADDITIONAL CHARGES AND ALLOWANCES, QUALIFIER**

*The following codes are available:*

"A"	Allowance
"C"	Charge

**C552**                                    *IS NOT USED IN THE SUBSET.*

**4471**                                    *IS NOT USED IN THE SUBSET..*

**1227**                                    *IS NOT USED IN THE SUBSET.*

**C214            K                    SPECIAL PAYMENTS****7161            K    an..3    Special payments, encoded**

*The following codes are available:*

"FI"	EURO value per price unit
"RAA"	Discount rate

*EURO values are absolute, fixed values. They are taken into account at the final step of the chain calculation.*

**Segment Group 41            K 1**

*This segment group contains the PCD segment and serves the transfer of percentage rates concerning the allowances and additional charges.*

**PCD            M 1            Percentage Rate Data**

*In the PCD segment, the percentage rate concerning the allowances and additional charges is transferred.*

**C501            M            PERCENTAGE RATE DATA****5245            M an..3            Percentage Rate Data, Qualifier**

*Constant value:*

<i>"3"            Percentage rate</i>
---------------------------------------

**5482            K n..10            Percentage Rate**

*The percentage rate is transferred with two decimal fractions.*

**Implementation Note:**

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

**Segment Group 41 End**



**Segment Group 42 K 1**

*This segment group contains the MOA segment and serves the transfer of allowances and additional charges as definite amounts of money.*

**MOA M 1** Amount of Money

*In the MOA segment an additional charge or allowance is transferred as an amount of money.*

**C516 M** AMOUNT OF MONEY

**5025 M an..3** Amount of Money, Qualifier

*Constant value:*

"8" Amount of Money
---------------------

**5004 K n..18** Amount of Money

*Additional charges and allowances; with two decimal fractions.*

**Implementation note:**

Usually, there are fixed arrangements between suppliers and wholesalers concerning prices and conditions. For this reason, many manufacturers will not read and not adopt the data concerning prices and conditions in your EDIFACT orders. Thus, the advice may be given here to do without the transfer of prices and conditions. This will also reduce the amount of data.

If the prices and conditions agreed upon for the current order vary from the fixed arrangements, they may be transferred with this segment in terms of an Exceptional Order (BGM / 002 / 1001 YA8, YS8 and YK8).

**Segment Group 42 End**

**Segment Group 39 End**

**Segment Group 25 End**

<b>UNS</b>	M 1	<p>Section Control Segment</p> <p><i>The UNS segment is a service segment and marks the separation of line item and sum part.</i></p>		
<b>0081</b>	M a1	<p>SECTION DESIGNATION, ENCODED</p> <p><i>Constant value:</i></p> <table border="1" data-bbox="486 515 1449 555"> <tr> <td><b>"S"</b></td> <td><i>Separation of position/line item- and sum part</i></td> </tr> </table>	<b>"S"</b>	<i>Separation of position/line item- and sum part</i>
<b>"S"</b>	<i>Separation of position/line item- and sum part</i>			
<b>UNT</b>	M 1	<p>Message End Segment</p> <p><i>In the UNT segment, the number of segments and a message reference number are transferred for the purpose of a plausibility verification.</i></p>		
<b>0074</b>	M n..6	<p>NUMBER OF SEGMENTS IN A MESSAGE</p> <p><i>Number of segments transferred with this message, including the segments UNH and UNT.</i></p>		
<b>0062</b>	M an..14	<p>MESSAGE REFERENCE NUMBER</p> <p><i>Here, the same reference number as in UNH / 0062 has to be entered. Upon receipt of message this number is compared to the entry in the UNH segment.</i></p>		
<b>UNZ</b>	M 1	<p>User Data End Segment</p> <p><i>In the UNZ segment a data exchange counter and a data exchange reference may be transferred.</i></p>		
<b>0036</b>	M n..6	<p>DATA EXCHANGE COUNTER</p> <p><i>Here, the number of messages is entered in the usage data frame UNB...UNZ.</i></p>		
<b>0020</b>	M an..14	<p>DATA EXCHANGE REFERENCE</p> <p><i>The same reference number as in UNB / 0020 has to be entered here. Upon receipt of message this number is compared to the entry in Segment UNH.</i></p>		