

# **REWE STANDARD**

## **PURCHASE ORDERS**

**for**

**Central (Warehouse) Ordering**

### **Definition**

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Purchase Order message

UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3	M	1	Date/time/period
SG2		M	4	NAD-LOC-SG3-SG5
NAD	4	M	1	Name and address
SG25		C	200000	LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30...
LIN	5	M	1	Line item
QTY	6	M	1	Quantity
DTM	7	M	1	Date/time/period
UNS	8	M	1	SECTION CONTROL
UNT	9	M	1	MESSAGE TRAILER

**EXPLANATION:**

This description of the PURCHASE ORDER message as used by the REWE trading companies conforms to the ORDERS-Standard-Definition of the EAN Austria. Because the REWE Concern doesn't need all the data elements in the EANCOM-ORDERS-Definition, many of the them have been left out here, unless they have been deemed mandatory by the EAN.

**The abbreviations in the EDIFACT column mean the following:**

- n ..... series of numbers followed by the length of the series (i.e. the number of characters)
- a ..... series of letters followed by the length of the series (i.e. the number of characters)
- an ..... series of letters and numbers followed by the length of the series (i.e. the number of characters)
- M ..... Mandatory
- C ..... Conditional

**The abbreviations in the EAN column mean the following:**

- M ..... Mandatory (The entity is required and must be sent)
- D ..... Dependent (indicates that the entity must be sent under certain conditions, as defined by the relevant explanatory note)
- O ..... Optional (indicates that the entity is optional and may be sent at the discretion of the user)
- N ..... Not used (indicates that the entity isn't used and should be omitted)
- R ..... Required (The entity is required and must be sent)

UNB - M 1 - INTERCHANGE HEADER				
Function : To start, identify and specify an interchange				
Segment number : 1				
	EDIFACT	EAN	*	Description
<b>S001 SYNTAX IDENTIFIER</b>	M	M		
0001 Syntax identifier	M a4	M	*	UNOA
0002 Syntax version number	M n1	M	*	3 = Syntax Version Number 3
<b>S002 INTERCHANGE SENDER</b>	M	M		
0004 Sender identification	M an..35	M		Sender's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
<b>S003 INTERCHANGE RECIPIENT</b>	M	M		
0010 Recipient identification	M an..35	M		Recipient's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
<b>S004 DATE / TIME OF PREPARATION</b>	M	M		
0017 Date	M n6	M		JJMMTT
0019 Time	M n4	M		HHMM
<b>0020 Interchange control reference</b>	M an..14	M		Unique ascending consecutive reference number identifying the interchange. Created by the interchange sender.
<b>S005 RECIPIENT'S REFERENCE PASSWORD</b>	C	N		
<b>0026 Application reference</b>	C an..14	O		Message identification if the interchange contains only one type of message.
<b>0029 Processing priority code</b>	C a1	N		
<b>0031 Acknowledgement request</b>	C n1	N		
<b>0032 Communications agreement identification</b>	C an..35	N		
<b>0035 Test indicator</b>	C n1	O		1 = Interchange is a test

Segment Notes

This UNB segment along with the last segment, the UNZ Segment (DE0036), is used to envelope the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.

Example:

UNB+UNOA:3+9011550000002:14+9002233000001:14+971110:9005+373530EK00300++ORDERS'

In this example 9011550000002 is the sender's mail-box address and 9002233000001 is the recipient's mail-box address.

UNH - M 1 - MESSAGE HEADER				
Function : To head, identify and specify a message				
Segment number : 1				
	EDIFACT	EAN	*	Description
<b>0062</b> <b>Message reference number</b>	M an..14	M		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.
<b>S009</b> <b>MESSAGE IDENTIFIER</b>	M	M		
0065 Message type identifier	M an..6	M	*	ORDERS = Purchase order message
0052 Message type version number	M an..3	M	*	D = Draft directory
0054 Message type release number	M an..3	M	*	96A = Version 96A
0051 Controlling agency	M an..2	M	*	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057 Association assigned code	C an..6	R	*	EAN008 = EAN Version control number
<u>Segment Notes.</u>				
Example: UNH+1+ORDERS:D:96A:UN:EAN008'				

BGM - M 1 - Beginning of message					
Function : To indicate the type and function of a message and to transmit the identifying number.					
Segment number : 2					
		EDIFACT	EAN	*	Description
<b>C002</b>	<b>DOCUMENT / MESSAGE NAME</b>	C	R		
1001	Document/message name, coded	C an..3	R	*	220 = Order
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	N		
1000	Document/message name	C an..35	N		
<b>1004</b>	<b>Document/message number</b>	C an..35	R		Order number assigned by document sender
<b>1225</b>	<b>Message function, coded</b>	C an..3	R	*	9 = Original
<u>Segment Notes.</u>					
DE 1004: This is always the order number assigned by REWE.					
The REWE ordering number system consists of a 10-digit numerical series for REWE orders. For Cross-docking orders and orders for central allocation to the outlets, the 5-digit outlet number is added to the REWE order number. The outlet number has been included so that the suppliers can clearly recognise the type of order and can therefore deliver the goods pre-picked. However only the 10-digit REWE order number is registered in the central RWE Warehouse IT system. This means, e.g., in the case of an electronic delivery slip (EANCOM-DESADV) only the first 10 digits of the order number of an open order can be identified by the IT system.					
Example: BGM+220+26320+9'					

DTM - M 1 - Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 3				
	EDIFACT	EAN	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	M	
2005	Date/time/period qualifier	M an..3	M	*
2380	Date/time/period	C an..35	R	137 = Document/message date/time
2379	Date/time/period format qualifier	C an..3	R	102 = JJJJMMTT
<u>Segment Notes.</u>				
This segment is used to specify the message date.				
Example:				
DTM+137:19970622:102'				

SG2 - M 4 - NAD-LOC-SG3-SG5				
NAD - M 1 - Name and Address				
Function : To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number : 4				
	EDIFACT	EAN	*	Description
<b>3035 Party Qualifier</b>	M an..3	M		BY = Buyer SU = Supplier DP = Delivery Party OB = Ordered by
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	R		
3039 Party id. identification	M an..35	M		<b>GLN</b> Location Code - Format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering Association)
<u>Segment Notes.</u>				
This segment is used to identify the trading partners involved in the Order process.				
DE 3039: The EAN Location Code (BBN-13) is used to identify the company.				
<u>Examples of different types of warehouse deliveries:</u>				
1 <u>A classic order for the REWE warehouse</u>				
In this example the <b>GLN</b> 9002233000001 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001 and 9002233047111 is the ILN of the delivery address and of the orderer of the goods.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233047111::9'				
NAD+OB+9002233047111::9'				
2. <u>Cross-docking Order with Pre-Picking:</u>				
In this example the <b>GLN</b> 900223300000 1 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001 and 9002233047111 is the delivery address = Cross-docking warehouse and the orderer is the outlet 9002233003221. In this case for purposes of pre-picking the outlet is the orderer of the goods.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233047111::9'				
NAD+OB+9002233003221::9'				
3. <u>Central allocation to the outlets:</u>				
GLN 9002233000001 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001.				
9002233003221 is the ILN of the REWE outlet in NAD+DP (delivery address) and the orderer of the goods is the warehouse 9002233047111 over which the allocation will take place. The outlet in this example is the delivery destination.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233003221::9'				
NAD+OB+9002233047111::9'				

SG25 - M 200000 - LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30...					
LIN - M 1 - Line item					
Function : To identify a line item and a configuration.					
Segment number : 5					
		EDIFACT	EAN	*	Description
1082	Line item number	C n..6	R		Application generated number of the count of the order lines
1229	Action request/notification, coded	C an..3	N		
C212	ITEM NUMBER IDENTIFICATION	C	R		
7140	Item number	C an..35	R		Format n..14 EAN-8, UPC-A, EAN-13 oder DUN-14
7143	Item number type, coded	C an..3	R	*	EN = International Article Numbering Association
<u>Segment Notes.</u>					
This segment is used to identify the item being ordered. The detail section of the Purchase Order is formed by a repeating group of segments, always starting with the LIN segment.					
For purposes of identification the EAN number will be given a REWE-order unit					
Example:					
LIN+1++90123345000001:EN'					

SG25 - M 200000 - LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30...				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity				
Segment number : 6				
	EDIFACT	EAN	*	Description
<b>C186 QUANTITY DETAILS</b>	M	M		
6063 Quantify qualifier	M an..3	M		21 = Ordered quantity
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	O		KGM = Kilogram MTK = Square Meter MTQ = Cubic Meter MTR = Meter
<u>Segment Notes.</u>				
This segment is used to specify the total quantity for the current line identified in the LIN segment.				
The quantity is to be specified in REWE-order units.				
DE6411 : This DE is only used if the product ordered is a variable quantity product. Otherwise it may not be used.				
Example: In this example the supplier has to deliver 100 order units to REWE				
QTY+21:100'				

SG25 - M 200000 - LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30...					
DTM - M 1 - Date/time/period					
Function : To specify date, and/or time, or period					
Segment number : 7					
		EDIFACT	EAN	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	M		
2005	Date/time/period qualifier	M an..3	M	*	2 = Delivery date/time, requested
2380	Date/time/period	C an..35	R		
2379	Date/time/period format qualifier	C an..3	R		203 = JJJJMMTTHHMM
<u>Segment notes.</u>					
The date/time/period segment is used to specify the date (and possibly time) of the delivery of the currently identified product.					
Example: DTM+2:199706021700:203'					
In the case of orders from the REWE warehouse, the warehouse IT system can only assign delivery dates to the line item. CAUTION! When you receive EANCOM orders from the REWE outlets at the same time, the <b>delivery date</b> will be in the head note of the message.					

UNS - M 1 - SECTION CONTROL				
Function : To separate header, detail, and summary sections of a message.				
Segment number : 8				
	EDIFACT	EAN	*	Description
<b>0081 Section identification</b>	M a1	M	*	S = Detail/summary section separation
<u>Segment Notes</u>				
This segment is used to separate the detail and summary sections of the message.				
Example: UNS+S'				

UNT - M 1 - MESSAGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 9				
	EDIFACT	EAN	*	Description
<b>0074</b>	<b>Number of segments in a message</b>	M n..6	M	The total number of segments in the message is detailed here.
<b>0062</b>	<b>Message reference number</b>	M an..14	M	The message reference numbered detailed here should equal the one specified in the UNH segment.
<u>Segment Notes.</u>				
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.				
Example: UNT+12+1'				

UNZ - M 1 - INTERCHANGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 2				
	EDIFACT	EAN	*	Description
<b>0036 Interchange control count</b>	M n..6	M		Count of the UNH - UNT segments
<b>0020 Interchange control reference</b>	M an..14	M		Identical to DE 0020 in the UNB segment
<u>Segment Notes.</u> Example: UNZ for message number 373530EK00300 with a UNH-UNT segment.  UNZ+1+373530EK000300'				

Examples of Purchase Orders

## 1. Normal order for delivery to the warehouse:

Note: Both the orderer and delivery destination are the REWE warehouse.

UNB+UNOA:3+9002233000001:14+5411677000203:14+971118:0800+373530EK00300'  
UNH+1+ORDERS:D:96A:UN:EAN008'  
BGM+220+1997000012+9'  
DTM+137:19971118:102'  
NAD+BY+9002233000001::9'  
NAD+SU+9011500000002::9'  
NAD+DP+9002233400108::9'  
NAD+OB+9002233400108::9'  
LIN+1++4038300141990:EN'  
QTY+21:30'  
DTM+2:199711181600:203'  
LIN+2++4001686372241:EN'  
QTY+21:160'  
DTM+2:199711190800:203'  
UNS+S'  
UNT+15+1'  
UNZ+1+373530EK00300'

## 2. Cross-docking Order:

Note: The order was generated by an outlet, the delivery destination is the REWE warehouse.

UNB+UNOA:3+9002233000001:14+5411677000203:14+971118:0800+373530EK00300'  
UNH+1+ORDERS:D:96A:UN:EAN008'  
BGM+220+199700001200322+9'  
DTM+137:19971118:102'  
NAD+BY+9002233000001::9'  
NAD+SU+9011500000002::9'  
NAD+DP+9002233400108::9'  
NAD+OB+9002233003221::9'  
LIN+1++4038300141990:EN'  
QTY+21:30'  
DTM+2:199711181600:203'  
LIN+2++4001686372241:EN'  
QTY+21:160'  
DTM+2:199711190800:203'  
UNS+S'  
UNT+15+1'  
UNZ+1+373530EK00300'

## 3. An order for central allocation to the outlets:

Note: The warehouse ordered the goods. The delivery destination is the REWE outlet.

UNB+UNOA:3+9002233000001:14+5411677000203:14+9711118:0800+373530EK00300'  
UNH+1+ORDERS:D:96A:UN:EAN008'  
BGM+220+199700001200322+9'  
DTM+137:19971118:102'  
NAD+BY+9002233000001::9'  
NAD+SU+9011500000002::9'  
NAD+DP+9002233003221::9'  
NAD+OB+9002233400108::9'  
LIN+1++4038300141990:EN'  
QTY+21:30'  
DTM+2:199711181600:203'  
LIN+2++4001686372241:EN'  
QTY+21:160'  
DTM+2:199711190800:203'  
UNS+S'  
UNT+15+1'  
UNZ+1+373530EK00300'