



REWE INTERNATIONAL STANDARD PURCHASE ORDERS for Branch Ordering Definition

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ORDERS message

	UNH	1	M	1	MESSAGE HEADER
	BGM	2	M	1	Beginning of the message
	DTM	3	M	2	Date/time/period
┌	SG2		M	4	NAD
	NAD	4	M	1	Name and address
└	SG28		K	200000	LIN- QTY- DTM
┌	LIN	5	M	1	Line item
	QTY	6	M	1	Quantity
	UNS	7	M	1	SECTION CONTROL
	UNT	8	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.

In 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)

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)

Segment Layout - UNB Segment.

UNB - M 1 - INTERCHANGE HEADER				
Function : To start, identify and specify an interchange.				
Segment number :				
	FORMAT	EAN	*	Description
S001 SYNTAX IDENTIFIER	M	M		
0001 Syntax identifier	M a4	M	*	UNOA .
0002 Syntax version number	M n1	M	*	3 = Syntax Version number 3
S002 INTERCHANGE SENDER	M	M		
0004 Sender identification	M an..13	M		Sender's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
S003 INTERCHANGE RECIPIENT	M	M		
0010 Recipient identification	M an..13	M		Recipient's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
S004 DATE / TIME OF PREPARATION	M	M		
0017 Date	M n6	M		YYMMDD
0019 Time	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique ascending consecutive reference number identifying the interchange. Created by the interchange sender.
S005 RECIPIENT'S REFERENCE PASSWORD		N		
0026 Application reference	M an 6	O		Message identification if the interchange contains only one type of message (here ORDERS).
0029 Processing priority code		N		
0031 Acknowledgement request		N		
0032 Communications agreement identification		N	*	
0035 Test indicator	M n1	O		1 = Interchange is a test
<u>Segment Notes</u>				
This segment along with the last segment, the UNZ segment, is used to envelope the interchange.				
Example: UNB+UNOA:3+9002233001015:14+9011550000002:14+971110:0905+2200000101300++ORDERS'				
In this example 9011550000002 is the recipient's mail-box address and 9002233001015 is the sender's mail-box..				

UNH - M 1 - MESSAGE HEADER				
Function : Starting and uniquely identifying a message.				
Segment number : 1				
	FORMAT	EAN	*	Description
0062 Message reference number	M an..14	M		Sender's unique message reference. Sequence number of the messages in the interchange. DE0062 in the UNT will be exactly the same. Sender generated.
S009 MESSAGE IDENTIFIER	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	*	01B = Version 2001 - B
0051 Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	M	*	EAN010 = EAN Version control number
<u>Segment Notes</u>				
Example: UNH+1+ORDERS:D:01B:UN:EAN010'				

BGM - M 1 - Beginning of message				
Function : To identify the Order by means of ist type and number and if necessary ist function.				
Segment number : 2				
	FORMAT	EAN	*	Description
C002 Document/message name	C	M		
1001 Document/message name, coded	M an..3	M	*	220 = ORDER
1004 Document/message number	M an..15	M		Order number assigned by document sender
1225 Message function, coded	C an..3	R		9=Original
<u>Segment Notes</u>				
DE 1004: This is always the order number assigned by REWE International..				
Example:				
BGM+220+26320+9'				

DTM - M 2 - Date/time/period				
Function : Specifying general dates and, when relevant, times related to the whole message				
Segment number : 3				
	FORMAT	EAN	*	Description
C507 Date/time/period	M	M		
2005 Date/time/period qualifier	M an..3	M	*	137 = documen/message date/time 2= delivery date
2380 Date/time/period	M an..8	M		
2379 Date/time/period format qualifier	M an..3	M		102 = CCYYMMDD 203 = CCYYMMDDHHMiMi
<u>Segment Notes</u>				
This segment is used to specify the message date and date of delivery to the branch.				
Example: DTM+137:20070130:102' DTM+2:200702011700:203'				

SG2 - M 4 - NAD				
NAD - M 1 - Name and address				
Function :		To identify names and addresses of the parties in coded or clear form and their functions relevant to the order		
Segment number : 4				
	FORMAT	EAN	*	Description
3035 Party qualifier	M an..3	M		BY = Buyer SU = Supplier DP = Delivery Party OB = Ordered by
C082 Party identification details	C	M		
3039 Party, identification	M an..13	M		GLN - 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 is used to identify the company.				
Example: In this example the GLN 9002233000001 represents the buyer of the delivery, the supplier GLN is 9012345000001 and 9002233001015 is the <u>GLN</u> of the delivery address and of the orderer.				
NAD+BY+9002233000001::9' NAD+SU+9012345000001::9' NAD+DP+9002233001015::9' NAD+OB+9002233001015::9'				

SG28 - M 200000- LIN-QTY				
LIN - M 1 - Line item				
Function : To identify the line item by the line number and configuration level				
Segment number : 5				
	FORMAT	EAN	*	Description
1082	Line item number	M n..6	M	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	EAN/UCC8, EAN/UCC13, EAN/UCC14, UCC-12
7140	Item number	M an..14	M	
7143	Item number type, coded	M an..3	R	
<p><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.</p> <p>For purposes of identification the EAN number will be given a REWE International-order unit.</p> <p>Example: LIN+1+++90123345000001:SRV'</p>				

SG28 - M 200000 - LIN-QTY				
QTY - M 1 - Quantity				
Function : To identify the product quantities e.g. order quantity.				
Segment number : 6				
	FORMAT	EAN	*	Description
C186 Quantity detail	M	M		
6063 Quantity qualifier	M an..3	M	*	21 = ordered quantity
6060 Quantity	M n..15	M		
6411 Measure unit, qualifier	C an..3	D		KGM = Kilogram LTR = Liter 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 International order units.				
Example:				
In this example the supplier has to deliver 100 order units to REWE International.				
QTY+21:100'				

UNS - M 1 - SECTION CONTROL				
Function : To separate header, detail and summary sections of a message.				
Segment number : 7				
	FORMAT	EAN	*	Description
0081 Section identification, coded	M a1	M		S = Separation of detail/summary section
<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 : 8				
	FORMAT	EAN	*	Description
0074	Number of segments in a message	M n..6	M	Total number of segments in the message
0062	Message reference number	M an..14	M	Message reference equal to message reference 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+26320'				

Segment Layout - UNZ Segment.

UNZ - M 1 - INTERCHANGE TRAILER				
Function : To end and check the completeness of a message. Segment number :				
	FORMAT	EAN	*	Description
0036 Interchange control count	M n..6	M		Count of the UNH-UNT segments
0020 Interchange control reference	M an..14	M		Identical to DE 0020 in the UNB segment
Anmerkung am Segment.				
Example: UNZ for message number 373530EK00300 with one UNH-UNT segment.				
UNZ+1+2200000101300'				

Example of a Purchase Order:

UNB+UNOA:3+9002233023239:14+9011550000002:14+070130:0905+2200000101300++ORDERS'	Interchange header; with interchange control reference ,2200000101300' and ORDERS as application reference
UNH+1+ORDERS:D:01B:UN:EAN010'	Message header with message reference number 1
BGM+220+26320+9'	Beginning of message with order number 26320
DTM+137:20070130:102'	Generated Message date: 30.01.2007
DTM+2:200702020000:203'	Delivery date: 02.02.2007
NAD+SU+9011500000002::9'	Identification (GLN) of the supplier
NAD+BY+9002233000001::9'	Identification (GLN) of the buyer (here REWE trading company BILLA)
NAD+DP+9002233023239::9'	Identification (GLN) of the delivery party (branch)
NAD+OB+9002233023239::9'	Identification (GLN) of the orderer (here branch)
LIN+1++4038300141990:SRV'	Line item 1 with an article in order units GTIN 4038300141990
QTY+21:30'	Quantity of 30 order units
LIN+2++9011500098764:SRV'	Triggersegment for next NAD-segment (NAD+BY) with sequence number 2
QTY+21:30'	Quantity of 30 order units
UNS+S'	Separation segment, end of detail section begin of summary section
UNT+13+1'	Message trailer with the total number of segments (13) and message reference number (1) equal to the one specified in the UNH-segment
UNZ+1+2200000101300'	Interchange trailer with the number of sent messages and the interchange control reference from segment UNB