

# EDIFACT D01B ORDRSP

Brack Alltron AG

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# Customer Orderresponse

## Preface

This document describes the implementation of Edifact D01B for customer orders response. The format is based on the message format recommended by [GS1](#)

## Changelog

Table 1. Changelog

Version	Date	Change	Author
1.0	06.11.2024	Initial definition	PARU

## Status Codes

Code	Description
M	Mandatory D01B Field / or mandatory for GS1
C	Conditional D01B Field
N	Not supported
M	Mandatory by Brack Alltron
N	Not supported by Brack Alltron

## References

<https://www.gs1.org/edi/eancom/s3>

<https://www.gs1.org/sites/default/files/docs/eancom/ean02s3/part2/ordrsp/toc.htm>

# Header Section

UNB   Interchange Header					
Pos	Segment/ Element	Description	Status	Example	Remarks
010	S001	SYNTAX IDENTIFIER	M		
	0001	Syntax identifier	M	UNOC	
	0002	Syntax version number	M	3	
020	S002	INTERCHANGE SENDER	M		
	0004	Interchange sender identification	M	7600000...	Sender Party GLN
	0007	Identification code qualifier	C	14	14 = EAN International / GS1
030	S003	INTERCHANGE RECIPIENT	M		
	0010	Interchange recipient identification	M	7600000...	Receiver Party GLN
	0007	Identification code qualifier	C	14	14 = EAN International / GS1
040	S004	DATE AND TIME OF PREPARATION	M		
	0017	Date	M	220527	yyMMdd
	0019	Time	M	1629	HHmm
050	0020	Interchange control reference	M	19	
060	S005	RECIPIENT'S REFERENCE/PASSWORD DETAILS	C		Not in use
070	0026	Application reference	C		Not in use
080	0029	Processing priority code	C		Not in use
090	0031	Acknowledgement request	C		Not in use
100	0032	Interchange agreement identifier	C		Not in use
110	0035	Test indicator	C	1	1 = Test, 0 or missing = Prod

Example:

```
UNB+UNOC:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++1'
```

**0010 | Segment | UNH | Message Header**

A service segment starting and uniquely identifying a message. The message type code for the Order Response message is ORDRSP.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	0062	MESSAGE REFERENCE NUMBER	M	1	
020	S009	MESSAGE IDENTIFIER	M		
	0065	Message type	M	ORDRSP	
	0052	Message version number	M	D	
	0054	Message release number	M	01B	
	0051	Controlling agency, coded	M	UN	
	0057	Association assigned code	C	EAN009	GS1 version control number (GS1 Permanent Code)
	...		C		Not in use

*Example*

```
UNH+1+ORDRSP:D:01B:UN'  
UNH+1+ORDRSP:D:01B:UN:EAN009'
```

**0020 | Segment | BGM | Beginning of message**

A segment for unique identification of the Order Response document, by means of its name and its number.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C002	DOCUMENT/MESSAGE NAME	C		
	1001	Document name code	C	231	
		<b>Supported:</b> 231 = Order Response			
	1131	Code list identification code	N		Not in use
	3055	Code list responsible agency code	N		Not in use
020	C106	DOCUMENT/MESSAGE IDENTIFICATION	M		
	1004	Document identifier	M	3794276	Order Response Number assigned by document sender.
030	1225	Message function, coded	N		We currently only confirm the order was received without further action code.
040	4343	Response type, coded	C		Not in use

*Example*

BGM+231+3794276'

**0030 | DTM | Date/time/period**

A segment specifying general dates and, when relevant, times related to the whole message.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M	DTM	
	2005	Date/time/period qualifier	M	137	
		<b>Supported:</b> 137 = Document/message date/time 2 = Delivery Date requested			
	2380	Date/time/period	C	20220217	
	2379	Date/time/period format qualifier	C	102	
		<b>Supported:</b> 102 = CCYYMMDD 203 = CCYYMMDDHHMM			

*Example:*

DTM+137:202205271629:203'  
DTM+2:20230228:102'

# Segment Group 1

## 0090 | Segment Group 1 | RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message.

### SG1 Summary

Pos	Tag	Name
0110	RFF	Reference
0110	DTM	Date / time

## 0100 | Segment | RFF | Reference

A segment to specify a reference by its number.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M	RFF	
	1153	Reference qualifier	M	ON	
		<b>Supported codes:</b> ON = Order Number Buyer VN = Seller (Brack Alltron) Reference			
	1154	Reference number	M	1990833739	
	...				Not in use

Example:

RFF+ON:1990833739'  
RFF+VN:3794276'



**0110 | Segment | DTM | Date/time/period**

A segment specifying general dates and, when relevant, times related to the whole message.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	171	
		<b>Supported:</b> 171 = Reference date/time			
	2380	Date/time/period	C	20230228	
	2379	Date/time/period format qualifier	C	102	
		<b>Supported codes:</b> 102 = CCYYMMDD 203 = CCYYMMDDHHMM			

Example:

DTM+171:20230228:102'

## Segment Group 3

### 0150 | Segment Group 3 | Parties

A group of segments identifying the parties with associated information.

#### SG3 Summary

Pos	Tag	Name
0160	NAD	Name and address

### 0160 | Segment | NAD | Name and address

A segment identifying names and addresses of the parties and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

Pos	Segment/Element	Description	Status	Example	Remarks
010	3035	Party qualifier	M	DP	
		BY = Buyer SU = Supplier DP = Delivery Party			
020	C082	PARTY IDENTIFICATION DETAILS	C		
	3039	Party id. identification	M	7613...	GLN - Format n13
	1131	Not used	N		Not in use
	3055	Code list responsible agency	M	9	GS1
030	C058	NAME AND ADDRESS	C		Not in use
040	C080	PARTY NAME	C/M for DP		
	3036	Party name in cleartext	M	Company Name	Name 1
	3036	Party name	C		Name 2
	...				Not in use
050	C059	STREET	C/M for DP		
	3042	Street and number/p.o. box	M	Street	Street name 1
	3042	Street and number/p.o. box	C		Street name 2
	...				Not in use
060	3164	City name	C/M for DP	City	
070	C819	COUNTRY SUB-ENTITY DETAILS	N		Not in use

0160   Segment   NAD   Name and address					
080	3251	Postcode identification	C/M for DP	6131	PLZ
090	3207	Country, coded	C/M for DP	CH	ISO 3166 alpha-2

*Example:*

```
NAD+BY+7609999068409:::9'
NAD+SU+7613081000000:::9'
NAD+DP+7609999068409:::9++BRACK.CH AG+:::Rossgassmoos 10+Willisau+6131+CH''
```

## Segment Group 8

### 0320 | Segment Group 8 | Currencies

A group of segments specifying the currencies valid for the whole order response.

#### SG8 Summary

Pos	Tag	Name
0330	CUX	Currencies

### 0330 | Segment | CUX | Currencies

A segment specifying the currencies valid for the whole order response.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C504	CURRENCY DETAILS	M		
	6347	Currency usage code	M	2	Only 2 = Reference currency is used
	6345	Currency identification code	M	CHF	ISO 4217 three alpha
	6343	Currency usage code	M	9	9 = Order currency

Example:

```
CUX+2:CHF:9'
```

# Detail Section

## Segment Group 26

0970   Segment Group 26   Lines
A group of segments providing details of the individual ordered items.

SG26 Summary			
Pos	Tag	Name	Mandatory
0980	LIN	Line item	M
0990	PIA	Additional product id	M
1000	IMD	Item description	Conditional
1020	QTY	Quantity	M
1050	DTM	Date	M
1060	MOA	Monetary Amount	Conditional
1270	SG30	Price Details	Conditional
1330	SG31	Reference	Conditional

**0980 | Segment | LIN | Line item**

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

Pos	Segment/Element	Description	Status	Example	Remarks
010	1082	Line item number	M	10	Must be unique in message
020	1229	Action request / notification description code	N		Currently always empty, as no further information is known
030	C212	ITEM NUMBER IDENTIFICATION	C		
	7140	Item identifier	M	7613001653132	GTIN
	7143	Item type identification code	M	SRV	
	<b>Supported codes:</b> SRV = GS1 Global Trade Item Number				
	...				Not in use
040	C829	SUB-LINE INFO	C		Not in use
050	1222	Configuration level number	C		Not in use
060	7083	Configuration operation code	C		Not in use

Example:

```
LIN+1++5412345111115:SRV'
```

0990   Segment   PIA   Additional product id					
A segment providing either additional identification to the product specified in the LIN segment.					
Pos	Segment/Element	Description	Status	Example	Remarks
010	4347	Product id. code qualifier	M	1	
		<b>Supported:</b> 1 = additional identification			
020	C212	ITEM NUMBER IDENTIFICATION	M		
	7140	Item number	M	7277199	article number
	7143	Item number type, coded	M	IN	
		<b>Supported codes:</b> SA = Supplier's article nbr. IN = Buyer's article nbr.			
	...				Not in use
030	C212	ITEM NUMBER IDENTIFICATION	C		Not in use
040	C212	ITEM NUMBER IDENTIFICATION	C		Not in use
050	C212	ITEM NUMBER IDENTIFICATION	C		Not in use
060	C212	ITEM NUMBER IDENTIFICATION	C		Not in use

Example:

PIA+1+991397:SA'

**1000 | Segment | IMD | Item description**

A segment for describing the product or service being ordered as well as product characteristic.

Pos	Segment/Element	Description	Status	Example	Remarks
010	7077	Description format code	C	F	
		<b>Supported codes:</b> F = Free-Form			
020	C272	ITEM CHARACTERISTIC	N		Not in use
030	C273	ITEM DESCRIPTION	C		
	3055		N		Not in use
	7008	Item description	M	ALPINAMED MSM Curcuma	
	...		C		Not in use
040	...		C		Not in use

Example:

IMD+F++:::Product name'

**1020 | Segment | QTY | Quantity**

A segment identifying the product quantities / ordered quantities.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C186	QUANTITY DETAILS	M		
	6063	Quantity type code qualifier	M	21	
		<b>Supported codes:</b> 12 = Despatch Quantity 21 = Ordered Quantity			
	6060	Quantity	M	10	
	6411	Measurement unit code	C	PCE	Only PCE used

Example:

QTY+21:12:PCE'  
QTY+21:10'



**1050 | Segment | DTM | Date/time/period**

A segment specifying date/time/period details relating to the line item only.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	2	
		<b>Supported codes:</b> 02 = Delivery requested			
	2380	Date/time/period	C	20230228	
	2379	Date/time/period format qualifier	C	102	
		<b>Supported :</b> 102 = CCYYMMDD			

Example:

DTM+2:20220527:102'

**1060 | Segment | MOA | Monetary Amount**

To specify a monetary amount.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C516	MONETARY AMOUNT	M		
	5025	Monetary amount type code qualifier	M	203	
		<b>Supported codes:</b> 203 = Line Item Amount			
	5004	Monetary amount	M	1253.42	

Example:

MOA+203:1253.42'

## Segment Group 30

### 1270 | Segment Group 30 | Price

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

#### SG30 Summary

Pos	Tag	Name
1280	PRI	Price details
1290	CUX	Currencies

### 1280 | Segment | PRI | Price details

A segment to specify the price type and amount.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C509	PRICE INFORMATION	M		
	5125	Price code qualifier	M	AAA	
		<b>Supported:</b> AAA= calculation net			
	5118	Price amount	C	1644	
	...		C		Not in use
020	5213	Sub-line price change, coded	C		Not in use

Example:

PRI+AAA:1644'

**1290 | Segment | CUX | Currencies**

A segment identifying the order currency. Only CHF is supported at the moment.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C504	CURRENCY DETAILS	C		
	6347	Currency usage code qualifier	M	2	
		<b>Supported :</b> 2 = Reference currency			
	6345	Currency, coded	C	CHF	
		<b>Supported:</b> Only CHF			
	6343	Currency qualifier	C	4	
		<b>Supported codes:</b> 4 = invoicing currency			
020					Not in use
030					Not in use
040					Not in use

Example:

CUX+2:CHF:4'

# Summary Section

## 2200 | Segment | UNS | Section control

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

Pos	Segment/Element	Description	Status	Example	Remarks
010	0081	Section identification	M	S	
<b>Supported:</b> S = Detail/summary section separation					

Example:

UNS+S'

## 2270 | Segment | UNT | Message trailer

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

Pos	Segment/Element	Description	Status	Example	Remarks
010	0074	Number of segments in a message	M	43	
020	0062	Message reference number	M	1	Order Id

Example:

UNT+43+1'

## UNZ | Interchange trailer

To end and check the completeness of an interchange.

Pos	Segment/Element	Description	Status	Example	Remarks
010	0036	Interchange control count	M	1	
020	0020	Interchange control reference	M	19	

Example:

UNZ+1+19'

# Message Example

	UNA:+.? ' UNB+UNOC:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++1'	
H E A D E R	UNH+1+ORDRSP:D:01B:UN:EAN009c' BGM+231+3794276'	
	DTM+137:202205271629:203' DTM+2:20230228:102'	SG 1
	RFF+ON:1990833739' DTM+171:20230228:102' RFF+VN:3794276' DTM+171:20230228:102'	
	NAD+BY+7609999068409::9' NAD+SU+7613081000000::9' NAD+DP+7609999068409::9++BRACK.CH AG+:Rossgassmoos 10+Willisau+6131+CH'	SG 3
	CUX+2:CHF:9'	SG 8
D E A T A I L	LIN+1++5412345111115:SRV' PIA+1+991397:SA' PIA+1+7277199:VN' IMD+F++::ALPINAMED MSM Curcuma' QTY+21:12' DTM+2:20220527:102'	SG 26
	PRI+AAA:11.33' CUX+2:CHF:4'	SG 30
	UNS+S' UNT+43+1' UNZ+1+19'	