

**Customer Order Message**

EDIFACT D96A ORDERS

**Version: 1.1**

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Created: 01.05.2023

Changelog

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Change** | **Author** |
| 1.0 | 01.05.2023 | Initial definition | DAO |
| 1.1 | 03.04.2025 | Rebrand to Brack.Alltron | BRA |

Status Codes

|  |  |
| --- | --- |
| **Code** | **Description** |
| M | Mandatory D96A Field |
| C | Conditional D96A Field |

Colors Codes

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| --- | --- |
| **Color** | **Description** |
|  | Mandatory Competec Field |
|  | Conditional Competec Field |
|  | Field not used by Competec |

# 

References

<https://unece.org/trade/uncefact/introducing-unedifact>

<https://www.stylusstudio.com/edifact/D96A/ORDERS.htm>

Head 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 | +7609999090707 | Sender Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 030 | S003 | INTERCHANGE RECIPIENT | M |  |  |
|  | 0010 | Interchange recipient identification | M | +760000000000 | Receiver Party GLN |
|  | 0007 | Identification code qualifier | C | :14 | 14 = EAN International |
| 040 | S004 | DATE AND TIME OF PREPARATION | M |  |  |
|  | 0017 | Date | M | +230228 | yyMMdd |
|  | 0019 | Time | M | :1523 | HHmm |
| 050 | 0020 | Interchange control reference | M | +123456 |  |
| 060 | S005 | RECIPIENT'S REFERENCE/PASSWORD DETAILS | C |  | Not used |
| 070 | 0026 | Application reference | C |  | Not used |
| 080 | 0029 | Processing priority code | C |  | Not used |
| 090 | 0031 | Acknowledgement request | C |  | Not used |
| 100 | 0032 | Interchange agreement identifier | C |  | Not used |
| 110 | 0035 | Test indicator | C | +1 | 1 = Test |

**Example:**

UNA:+.? '

UNB+UNOC:3+7609999090707:14+760000000000:14+230228:1523+123456++++++1'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0010 | Segment | UNH | Message Header** | | | | | |
| A service segment starting and uniquely identifying a message. The message type code for the Purchase order message is ORDERS. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 0062 | MESSAGE REFERENCE NUMBER | M | +111111 |  |
| 020 | S009 | MESSAGE IDENTIFIER | M |  |  |
|  | 0065 | Message type | M | +ORDERS |  |
|  | 0052 | Message version number | M | :D |  |
|  | 0054 | Message release number | M | :96A |  |
|  | 0051 | Controlling agency, coded | M | :UN |  |

**Example:**

UNH+111111+ORDERS:D:96A:UN'

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| --- | --- | --- | --- | --- | --- |
| **0020 | Segment | BGM | Beginning of message** | | | | | |
| A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C002 | DOCUMENT/MESSAGE NAME | C |  |  |
|  | 1001 | Document/message name, coded | C | +220 | ***Supported codes:***  220 = Order |
| 020 | 1004 | Document/message number | C | +PO1234 | Order Id |
| 030 | 1225 | Message function, coded | C | +9 | ***Supported codes:***  9 = Original |
| 040 | 4343 | Response type, coded | C |  | Not used |

**Example:**

BGM+220+PO1234+9'

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| --- | --- | --- | --- | --- | --- |
| **0030 | 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 | +137 | ***Supported codes:***  137 = Document/message date/time  2 = Delivery date/time, requested |
|  | 2380 | Date/time/period | C | :20230228 |  |
|  | 2379 | Date/time/period format qualifier | C | :102 | ***Supported codes:***  102 = CCYYMMDD |

**Example**:

DTM+137:20230228:102'

DTM+2:20230310:102'

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| **0110 | Segment Group 2 | Parties** |
| A group of segments identifying the parties with associated information. |

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| **SG2 Segment List** | | | |
| **Pos** | **Tag** | **Name** | **Usage** |
| 0120 | NAD | Name and address | At least Buyer NAD |

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| --- | --- | --- | --- | --- | --- |
| **0120 | Segment | NAD | Name and address** | | | | | |
| A segment identifying names and addresses of the parties and their functions relevant to the order. Identification of the supplier and buyer parties is mandatory for the order message. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 3035 | Party qualifier | M | +BY | ***Supported codes:***  BY = Buyer  SU = Supplier  DP = Delivery Party |
| 020 | C082 | PARTY IDENTIFICATION DETAILS | C |  |  |
|  | 3039 | Party id. identification | M | +A12345 | Your Brack/Alltron Customer Nr. (BY) |
| 030 | C058 | NAME AND ADDRESS | C |  | Not used |
| 040 | C080 | PARTY NAME | C |  |  |
|  | 3036 | Party name | M | +Sample Company | Name 1 |
|  | 3036 | Party name | C | :Sample Team | Name 2 |
|  | 3036 | Party name | C | :John Doe | Contact Person |
| 050 | C059 | STREET | C |  |  |
|  | 3042 | Street and number/p.o. box | M | +Streetname 1 | Street 1 |
|  | 3042 | Street and number/p.o. box | C | :Building 10b | Street 2 |
| 060 | 3164 | City name | C | +Zürich | City |
| 070 | 3229 | Country sub-entity identification | C |  | Not used |
| 080 | 3251 | Postcode identification | C | +8005 | PLZ |
| 090 | 3207 | Country, coded | C | +CH |  |

**Example:**

NAD+BY+A12345++Some Company+Street 1:Building 10b+Zürich++8005'

NAD+SU+7610794005001++Allton AG+<SU-STREET>+<SU-CITY>++<SU-POSTCODE>'

NAD+DP+5694505694505++<DP-NAME>:<DP-NAME2>:<DP-CONTACT>+<DP-STREET1>:<DP-STREET2>+<DP-CITY>++<DP-PLZ>'

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| **0280 | Segment Group 7 | Currencies** |
| A group of segments specifying the currencies and related dates/periods valid for the whole order. |

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| **SG7 Segment List** | | | |
| **Pos** | **Tag** | **Name** | **Usage** |
| 0290 | CUX | Currencies | Must be CHF |

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| **0290 | Segment | CUX | Currencies** | | | | | |
| A segment identifying the order currency. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C504 | CURRENCY DETAILS | C |  |  |
|  | 6347 | Currency details qualifier | M | +2 | ***Supported codes:***  2 = Reference currency |
|  | 6345 | Currency, coded | C | :CHF | ***Supported codes:***  CHF |
|  | 6343 | Currency qualifier | C | :9 | ***Supported codes:***  9 = Order currency |
| 020 | C504 | CURRENCY DETAILS | C |  | Not used |
| 030 | 5402 | Rate of exchange | C |  | Not used |
|  | 6341 | Currency market exchange, coded | C |  | Not used |

**Example**:

CUX+2:CHF:9'

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| **0580 | Segment Group 15 | Scheduling** |
| A group of segments specifying requested delivery schedules relating to quantities, frequencies, dates and references, required for the whole order. |

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| **SG15 Segment List** | | | |
| **Pos** | **Tag** | **Name** | **Usage** |
| 0590 | SCC | Scheduling conditions | Conditional |

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| **0590 | Segment | SCC | Scheduling conditions** | | | | | |
| A segment specifying the type and status of the schedule being given. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 4017 | Delivery plan status indicator, coded | M | +9 | ***Supported codes:***  9 = User defined |
| 020 | 4493 | Delivery requirements, coded | C | +BK | ***Supported codes:***  SC = Ship complete order (default)  BK = Ship partial – balance back order (The rest of the order will be delivered in a 2nd delivery as soon as all backordered items are available)  P2 = Ship as soon as possible (Like partial, but the rest of the order will be deliverd in multiple deliveries as soon as possible) |
| 030 | C329 | PATTERN DESCRIPTION | C |  | Not used |

**Example**:

SCC+9+BK'

Detail Section

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| **0930 | Segment Group 25 | Lines** |
| A group of segments providing details of the individual ordered items. |

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| **SG25 Segment List** | | | |
| **Pos** | **Tag** | **Name** | **Usage** |
| 0940 | LIN | Line item | Must |
| 0950 | PIA | Additional product id | Must |
| 0960 | IMD | Item description | Conditional |
| 0980 | QTY | Quantity | Must |
| 1180 | SG28 | Price details | Must |

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| **0940 | 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 | C | +1 |  |
| 020 | 1229 | Action request/notification, coded | C |  | Not used |
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C |  |  |
|  | 7140 | Item number | C | +9120072855368 | EAN |
|  | 7143 | Item number type, coded | C | :EN | ***Supported codes:***  EN = International Article Numbering Association (EAN) |
| 040 | C829 | SUB-LINE INFORMATION | C |  | Not used |
| 050 | 1222 | Configuration level | C |  | Not used |
| 060 | 7083 | Configuration, coded | C |  | Not used |

**Example**:

LIN+1++9120072855368:EN'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0950 | Segment | PIA | Additional product id** | | | | | |
| A segment providing additional identification to the product specified in the LIN segment. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 4347 | Product id. function qualifier | M | +1 | ***Supported codes:***  1 = Additional identification |
| 020 | C212 | ITEM NUMBER IDENTIFICATION | M |  |  |
|  | 7140 | Item number | C | +1513 | Valid Competec article number required |
|  | 7143 | Item number type, coded | C | :SA | ***Supported codes:***  SA = Supplier's article number  BP = Buyer's part number |
| 030 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 040 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 050 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |
| 060 | C212 | ITEM NUMBER IDENTIFICATION | C |  | Not used |

**Example:**

PIA+1+1513:SA'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0960 | Segment | IMD | Item description** | | | | | |
| A segment for describing the product or service being ordered. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | 7077 | Item description type, coded | C | +A | ***Supported codes:***  A = Free-form long description  F = Free-form |
| 020 | 7081 | Item characteristic, coded | C |  | Not used |
| 030 | C273 | ITEM DESCRIPTION | C |  |  |
|  | … |  |  |  |  |
|  | 7008 | Item description | C | :Buttergipfel |  |
| 040 | 7383 | Surface/layer indicator, coded | C |  | Not used |

**Example**:

IMD+A++:::Buttergipfel'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **0980 | Segment | QTY | Quantity** | | | | | |
| A segment identifying the ordered quantity. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C186 | QUANTITY DETAILS | M |  |  |
|  | 6063 | Quantity qualifier | M | +21 | ***Supported codes:***  21 = Ordered quantity |
|  | 6060 | Quantity | M | :20 |  |
|  | 6411 | Measure unit qualifier | C | :PCE | ***Supported codes:***  PCE = Piece (default)  EA = Each |

**Example**:

QTY+21:20'

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| **1180 | Segment Group 28 | Price** |
| A group of segments identifying the relevant pricing information for the goods or services ordered. |

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| **SG28 Segment List** | | | |
| **Pos** | **Tag** | **Name** | **Status** |
| 1190 | PRI | Price details | Must |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1190 | Segment | PRI | Price details** | | | | | |
| A segment to specify the price type and amount. | | | | | |
| **Pos** | **Segment/Element** | **Description** | **Status** | **Example** | **Remarks** |
| 010 | C509 | PRICE INFORMATION | C |  |  |
|  | 5125 | Price qualifier | M | +AAA | ***Supported codes:***  AAA = Calculation net |
|  | 5118 | Price | C | :2.29 |  |
| 020 | 5213 | Sub-line price change, coded | C |  | Not used |

**Example**:

PRI+AAA:2.29'

Summary section

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2090 | 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 | ***Supported codes:***  S = Detail/summary section separation |

**Example**:

UNS+S'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2160 | 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 | +75 |  |
| 020 | 0062 | Message reference number | M | +PO1234 | Order Id |

**Example**:

UNT+75+PO1234'

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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 | +123456 |  |

**Example**:

UNZ+1+123456

Structure overview

|  |  |  |  |
| --- | --- | --- | --- |
|  | UNA:+.? ' |  | |
| UNB+UNOC:3+7609999090707:14+760000000000:14+230228:1523+123456++++++1' |  | |
| HEAD | UNH+1+ORDERS:D:96A:UN' |  | |
| BGM+220+PO1234+9' |  | |
| DTM+137:20230228:102'  DTM+2:20230310:102' |  | |
| NAD+BY+A1234++<Name>+<Street>+<City>++<Postcode>'  NAD+SU+++Competec AG+<Street>+<City>++<Postcode>'  NAD+DP+C1234++<Name>+<Steet>+<City>++<Postcode>' | SG2 | |
| CUX+2:CHF:9' |  | |
| SCC+9+BK' | SG15 | |
| DETAIL | LIN+1++7612297015075:EN'  PIA+1+1507:SA'  IMD+A++:::Buttergipfel'  QTY+21:160:PCE' | SG25 | |
| PRI+AAA:0.57' | SG28 |  |
| SUMMARY | UNS+S' |  | |
| UNT+44+1' |  | |
| UNZ+1+123456' |  | |