

**Rexroth**  
Bosch Group

# **EDI GUIDE**

**DELJIT D99B**



## Who should read this document?

This document is for EDI-administrators who will implement this EDI-guide to be able to send EDIFACT DELJIT D 99 B to Bosch Rexroth AG.

## Explanation of usage:

First of all, the usage of each segment has to be considered, so if a segment is mandatory (M), it has to appear in the data file.

It might happen, that a segment itself is optional (O), but the elements within the segment are declared as mandatory. This means, it is not required that the segment is included, but as soon as the segment is in data file, the mandatory fields must be filled.

The same procedure has to be applied to segment groups and segments: A segment group can be optional, while the contained segments are mandatory. In this case all mandatory segments of a segment group has to appear in the data file, if you decide to use this segment group.

In case that in a segment description is listed more than one segment group, you have to read them from bottom to top. The first segment group is that group which contains the segment. The next segment group above is the segment group which contains the previous segment group.

The request of certain segment groups, segments or fields may differ from the description of DELJIT D99B like it is distributed from the UNECE. We have changed the request of some elements from optional to mandatory as they are important for our processes.

The letters M and respectively O indicate the status of application: Mandatory (M), respectively Optional (O).

If you have questions to this guide, send an e-mail to: [SupportSales.EDI@de.bosch.com](mailto:SupportSales.EDI@de.bosch.com)

| Segment | Content                   | M/O | Length | Segment group | Segment group | Segment group | Segment group |
|---------|---------------------------|-----|--------|---------------|---------------|---------------|---------------|
| UNB     | Interchange header        | M   | 1      |               |               |               |               |
| UNH     | Message header            | M   | 1      |               |               |               |               |
| BGM     | Beginning of message      | M   | 1      |               |               |               |               |
| DTM     | Date/time/period          | M   | 10     |               |               |               |               |
|         | Segment group 2           | O   | 20     |               |               |               | 2             |
| NAD     | Name and address          | M   | 1      |               |               |               | 2             |
|         | Segment group 4           | M   | 9999   |               |               |               | 4             |
| SEQ     | Sequence details          | M   | 1      |               |               |               | 4             |
|         | Segment group 7           | O   | 9999   |               |               |               | 7             |
| LIN     | Line item                 | M   | 1      |               |               |               | 7             |
|         | Segment group 8           | O   | 5      |               |               | 8             | 7             |
| RFF     | Reference                 | M   | 1      |               |               | 8             | 7             |
|         | Segment group 10          | O   | 5      |               |               | 10            | 7             |
| LOC     | Place/location identifier | M   | 1      |               |               | 10            | 7             |
|         | Segment group 12          | O   | 100    |               |               | 12            | 7             |
| QTY     | Quantity                  | M   | 1      |               |               | 12            | 7             |
| DTM     | Date/time/period          | O   | 2      |               |               | 12            | 7             |
|         | Segment group 13          | O   | 5      |               |               | 13            | 7             |
| RFF     | Reference                 | M   | 1      |               |               | 13            | 7             |
| UNT     | Message trailer           | M   | 1      |               |               |               |               |
| UNZ     | Interchange trailer       | M   | 1      |               |               |               |               |

Segment Description

M/O # length content



| <b>UNB Interchange Header</b>                          |                                 | <b>M</b> | <b>1</b> |               |  |
|--|---------------------------------|----------|----------|---------------|--|
| Function To start, identify and specify an interchange |                                 |          |          |               |  |
| <b>S001</b>  | <b>SYNTAX IDENTIFIER</b>        | <b>M</b> | <b>1</b> |               |  |
| <b>S003</b>  | <b>INTERCHANGE RECIPIENT</b>    | <b>M</b> | <b>1</b> |               |  |
| 0010   | Recipient Identification        | M        |          | an..35        | recipient id                                 |
| 0007   | Partner identification          | M        |          | an..4         | recipient partner id                         |
| 0014   | Routing adress                  | O        |          | an..14        |  |
|  |                                 |          |          |               |  |
| <b>S004</b>  | <b>DATE/TIME OF PREPARATION</b> | <b>M</b> | <b>1</b> |               |  |
| 0017   | Date                            | M        |          | n..6          | YYMMDD                                       |
| 0019   | Time                            | M        |          | n..4          | HHMM   |
|  |                                 |          |          |               |  |
| 0020   | INTERCHANGE CONTROL REFERENCE   | M        | 1        | <b>an..14</b> | unique reference assigned by sender (e.g. 2) |
| 0026   | APPLICATION REFERENCE           | O        | 1        | an..14        |  |
|  |                                 |          |          |               |  |
| 0029   | PROCESSING PRIORITY CODE        | O        | 1        | an..1         |  |
|  |                                 |          |          |               |  |
| 0031   | ACKNOWLEDGEMENT REQUEST         | O        | 1        | n..1          |  |
|  |                                 |          |          |               |  |
| 0032   | COMMUNICATIONS AGREEMENT ID     | O        | 1        | an..35        |  |
|  |                                 |          |          |               |  |
| 0035   | TEST INDICATOR                  | O        | 1        | n..1          |  |

Example: UNB+UNOC:3+ECCREX:ZZ+123456:AB+120817:1058+2'



| <b>UNH</b>  |                               | <b>Message header</b> |          | <b>M</b> | <b>1</b>   |  |
|---|-------------------------------|-----------------------|----------|----------|--|--|
| Function: To head, identify and specify a message |                               |                       |          |          |  |  |
| 0062  | MESSAGE REFERENCE NUMBER      | M                     |          | an..14   | Contains a unique alphanumeric identification of a message |  |
| This 0062 DELJIT D 99 B to Bosch Rexroth AG.      |                               |                       |          |          |  |  |
| <b>S009</b>                                       | <b>MESSAGE IDENTIFIER</b>     | <b>M</b>              | <b>1</b> |          |  |  |
| 0065  | Message type                  | M                     |          | an..6    | DELJIT   |  |
| 0052  | Message version number        | M                     |          | an..3    | D  |  |
| 0054  | Message release number        | M                     |          | an..3    | 99B  |  |
| 0051  | Controlling agency            | M                     |          | an..2    | UN   |  |
| 0057  | Association assigned code     | O                     |          | an..6    |  |  |
| 0068  | COMMON ACCESS REFERENCE       | O                     |          | an..35   |  |  |
| <b>S010</b>                                       | <b>STATUS OF THE TRANSFER</b> | <b>O</b>              | <b>1</b> |          |  |  |
| 0070  | Sequence of transfers         | M                     |          | n..2     |  |  |
| 0073  | First and last transfer       | O                     |          |          |  |  |

**Example: UNH+00002406000001+DELJIT:D:99B:UN'**



| <b>BGM BEGINNING OF MESSAGE</b>  |  | <b>M</b> | <b>1</b> |        |                              |
|--|--|----------|----------|--------|------------------------------|
| Function: To indicate the type and function of a message and to transmit the identifying number. |  |          |          |        |                              |
| <b>C002</b>  | <b>DOCUMENT/MESSAGE NAME</b>           | <b>M</b> | <b>1</b> |        |                              |
| 1001   | Document name code                     | M        |          | an..3  | 288 = KANBAN schedule        |
|  |  |          |          |        |                              |
| <b>C106</b>  | <b>DOCUMENT/MESSAGE IDENTIFICATION</b> | <b>M</b> | <b>1</b> |        |                              |
| 1004   | Document/message number                | M        |          | an..35 | Prod.synchr. document number |
|  |  |          |          |        |                              |

Example: BGM+288+0000001111'



| <b>DTM</b>   |  | <b>DATE/TIME/PERIOD</b> |          | <b>M</b> | <b>10</b>                   |
|--|--|-------------------------|----------|----------|-----------------------------|
| Function: To specify date, and/or time, or period. |  |                         |          |          |                             |
| <b>C507</b>  | <b>DATE/TIME/PERIOD</b>                  | <b>M</b>                | <b>1</b> |          |                             |
| 2005   | Date/time/period function code qualifier | M                       |          | an..3    | 137 = document/message date |
| 2380   | Date/time/period value                   | O                       |          | an..35   | date                        |
| 2379   | Date/time/period format code             | O                       |          | an..3    | 203 = CCYYMMDDhhmm          |

If you

**Example: DTM+137:201308291104:203'**



Segment Group: 2 (M)

| <b>NAD NAME AND ADDRESS</b>                                      |                                   | <b>M</b> | <b>1</b> |        |  |
|--|-----------------------------------|----------|----------|--------|--|
| Function: To specify the name/address and their related function |                                   |          |          |        |  |
| 3035   | PARTY FUNCTION CODE QUALIFIER     | M        | 1        | an..3  | (M) BY = buyer<br>(M) SU = supplier<br>(M) CN = consignee        |
| <b>C082 PARTY IDENTIFICATION DETAILS</b>                         |                                   |          |          |        |  |
| 3039   | Party identifier                  | M        |          | an..35 | 1234567  |
| 1131   | Code list qualifier               | O        |          | an..3  | :  |
| 3055   | Code list responsible agency code | O        |          | an..3  | 91(assigned by seller for BY)<br>92(assigned by buyer for CN/SU) |
| <b>C058 NAME AND ADDRESS</b>                                     |                                   |          |          |        |  |
| 3124   | Name and address line             | M        |          | an..35 |  |
| 3124   | Name and address line             | O        |          | an..35 |  |
| 3124   | Name and address line             | O        |          | an..35 |  |
| 3124   | Name and address line             | O        |          | an..35 |  |
| 3124   | Name and address line             | O        |          | an..35 |  |
| <b>C080 PARTY NAME</b>   |                                   |          |          |        |  |
| 3036   | Party name                        | M        |          | an..35 | Bosch  |
| 3036   | Party name                        | O        |          | an..35 |  |
| 3036   | Party name                        | O        |          | an..35 |  |
| 3036   | Party name                        | O        |          | an..35 |  |
| 3036   | Party name                        | O        |          | an..35 |  |
| 3045   | Party name format code            | O        |          | an..3  |  |
| <b>C059 STREET</b>   |                                   |          |          |        |  |
| 3042   | Street and number/p.o. box        | M        |          | an..35 | street   |
| 3042   | Street and number/p.o. box        | O        |          | an..35 |  |
| 3042   | Street and number/p.o. box        | O        |          | an..35 |  |
| 3042   | Street and number/p.o. box        | O        |          | an..35 |  |
| 3164   | CITY NAME                         | O        | 1        | an..35 |  |
| 3229   | COUNTRY SUB-ENTITY IDENTIFICATION | O        |          | an..9  |  |
| 3251   | POSTAL IDENTIFICATION CODE        | O        | 1        | an..17 | zip code   |
| 3207   | COUNTRY NAME CODE                 | O        | 1        | an..3  | DE = Germany<br>FR = France<br>...<br>(all Iso-Codes are valid)  |

Example: NAD+BY+1234567::91+BOSCH'





**Segment Group: 4 (M)**

| <b>SEQ</b>   |  | <b>SEQUENCE DETAILS</b> |   | <b>M</b> | <b>1</b> |
|--|--|-------------------------|---|----------|----------|
| Function: To identify a line item and configuration. |  |                         |   |          |          |
| 1229   | ACTION REQUEST/NOTIFICATION DESCRIPTIC | O                       | 1 | an..3    | 39 new   |
|  |  |                         |   |          |          |

**Example: SEQ+39'**



**Segment Group: 7 (M)**

| <b>LIN</b>  |                                   | <b>LINE ITEM</b> |          | <b>M</b> | <b>1</b>       |                     |
|---|-----------------------------------|------------------|----------|----------|----------------|---------------------|
| Function: To specify additional or substitutional item identification codes |                                   |                  |          |          |                |                     |
| 1082  | LINE ITEM NUMBER                  | O                | 1        | an..6    |                |                     |
| 1229  | ACTION REQUEST                    | O                |          | an..3    |                |                     |
| <b>C212</b>   | <b>ITEM NUMBER IDENTIFICATION</b> | <b>O</b>         | <b>1</b> |          |                |                     |
| 7140  | Item number                       | O                |          | an..35   | article number |                     |
| 7143  | Item type identification code     | O                |          | an..3    | BP             | buyer's part number |
| 1131  | Code list identification code     | O                |          | an..3    |                |                     |
| 3055  | Code list responsible agency code | O                |          | an..3    | 92             | assigned by buyer   |

**Example: LIN+++10038712:BP::92'**



Segment Group: 8 (M)  
 Segment Group: 13 (M)

| <b>RFF</b>                        |                                   | <b>ADDITIONAL PRODUCT ID</b> | <b>M</b> | <b>1</b> |   |
|-----------------------------------|-----------------------------------|------------------------------|----------|----------|---|
| Function: To specify a reference. |                                   |                              |          |          |   |
| <b>C506</b>                       | <b>REFERENCE</b>                  |                              | <b>M</b> | <b>1</b> |   |
| 1153                              | Reference function code qualifier | M                            |          | an..3    | ON = order number<br>UCN = Unique consignment reference number<br>COF = Call off order number (Sequenced JIT Calls) |
| 1154                              | Reference identifier              | O                            |          | an..35   | 5500058126  |
| 1156                              | Line number                       | O                            |          | an..6    | 00010   |

Example: RFF+ON:5500058126:00010'



Segment Group: 10 (M)

| <b>LOC</b>   |                                   | <b>PLACE/LOCATION IDENTIFICATION</b> | <b>M</b> | <b>1</b> |  |
|--|-----------------------------------|--------------------------------------|----------|----------|--|
| Function: To identify a place or a location and/or related locations |                                   |                                      |          |          |  |
| 3227   | LOCATION FUNCTION CODE QUALIFIER  | M                                    | 1        | an..3    | 11 = Place of discharge<br>159 = Additional internal destination |
| <b>C517</b>  | <b>LOCATION IDENTIFICATION</b>    | <b>O</b>                             | <b>1</b> |          |  |
| 3225   | Location name code                | O                                    |          | an..25   | ID of place of discharge   |
| 1131   | Code list identification code     | O                                    |          | an..3    |  |
| 3055   | Code list responsible agency code | O                                    |          | an..3    |  |
| 3224   | Location name                     | O                                    |          | an..256  |  |

Example: LOC+11+W411'



Segment Group: 12 (M)

| <b>QTY</b>                                 |                              | <b>ADDITIONAL PRODUCT ID</b> | <b>M</b> | <b>1</b> |   |
|--|------------------------------|------------------------------|----------|----------|---|
| Function: To specify a pertinent quantity. |                              |                              |          |          |   |
| <b>C186</b>                                | <b>QUANTITY DETAILS</b>      | <b>M</b>                     | <b>1</b> |          |   |
| 6063                                       | Quantity type code qualifier | M                            |          | an..3    | 52 = quantity per pack<br>113 = delivery quantity |
| 6060                                       | Quantity                     | M                            |          | an..35   | amount  |

|      |                       |   |  |       |             |
|------|-----------------------|---|--|-------|-------------|
| 6411 | Measurement unit code | O |  | an..3 | PCE = piece |
|------|-----------------------|---|--|-------|-------------|

Example: QTY+113:200:PCE'



Segment Group: 12 (M)

| <b>DTM</b>   |  | <b>DATE/TIME/PERIOD</b> |          | <b>M</b> | <b>1</b>                          |  |
|--|--|-------------------------|----------|----------|-----------------------------------|--|
| Function: To specify date, and/or time, or period. |  |                         |          |          |                                   |  |
| <b>C507</b>  | <b>DATE/TIME/PERIOD</b>                  | <b>M</b>                | <b>1</b> |          |                                   |  |
| 2005   | Date/time/period function code qualifier | M                       |          | an..3    | 2 = Delivery date/time, requested |  |
| 2380   | Date/time/period value                   | O                       |          | an..35   | date                              |  |
| 2379   | Date/time/period format code             | O                       |          | an..3    | 102 = YYYYMMDD                    |  |

Example: DTM+2:20130827:102'



Segment Group: 8 (M)  
Segment Group: 13 (M)

| <b>RFF</b>                        |                                   | <b>REFERENCE</b> |          | <b>M</b> | <b>1</b>            |  |
|-----------------------------------|-----------------------------------|------------------|----------|----------|---------------------|--|
| Function: To specify a reference. |                                   |                  |          |          |                     |  |
| <b>C506</b>                       | <b>REFERENCE</b>                  | <b>M</b>         | <b>1</b> |          |                     |  |
| 1153                              | Reference function code qualifier | M                |          | an..3    | CW = package number |  |
| 1154                              | Reference identifier              | O                |          | an..35   | 0000075352          |  |

Example: RFF+CW:0000075352'



|  |                                   |                        |   |          |                              |  |
|--|-----------------------------------|------------------------|---|----------|------------------------------|--|
| <b>UNT</b>   |                                   | <b>Message trailer</b> |   | <b>M</b> | <b>1</b>                     |  |
| Function: To end and check the completeness of a message |                                   |                        |   |          |                              |  |
| 0074   | NUMBER OF SEGMENTS IN THE MESSAGE | M                      | 1 | n..6     | number of segments           |  |
|  |                                   |                        |   |          |                              |  |
| 0062   | MESSAGE REFERENCE NUMBER          | M                      | 1 | an..14   | message reference (like UNH) |  |

**Example: UNT+18+00002406000001'**



|   |                               |          |          |        |                                     |
|---|-------------------------------|----------|----------|--------|-------------------------------------|
| <b>UNZ Interchange trailer</b>                                |                               | <b>M</b> | <b>1</b> |        |                                     |
| Function: To end and check the completeness of an interchange |                               |          |          |        |                                     |
| 0036  | INTERCHANGE CONTROL COUNT     | M        | 1        | n..6   | The count of the number of messages |
|   |                               |          |          |        |                                     |
| 0020  | INTERCHANGE CONTROL REFERENCE | M        | 1        | an..14 | identical to 0020 in UNB            |
|   |                               |          |          |        |                                     |

**Example: UNZ+1+2'**

Version: 1.3