



# **EDIFACT DELFOR D99B Guideline**

17.09.2013

Version 1.0



**Specifications for EDIFACT DELFOR D99B**

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Specifications for EDIFACT DELFOR D99B  
**Introduction**

This document describes the message of a forecast from Danfoss Power Solutions.

**Due to process changes in purchasing, Danfoss Power Solutions will send only forecast requirements with DELFOR D99B and send firm (fixed) requirements with the ORDERS D99B message.**

Danfoss Power Solutions uses the EDIFACT standard D99B. This specification is included as well as examples of its uses.

**Technical communication**

Danfoss Power Solutions offers only two communication channels:

**Value Added Network (VAN)**

Danfoss Power Solutions currently uses the IBM Sterling B2B Integration network, including interconnects to other networks and communication protocols.

Please contact [srhelp@us.ibm.com](mailto:srhelp@us.ibm.com) or visit <http://www.ibm.com/support>.

**UNB Information**

**Test**

UNB ID qualifier: **ZZ**

UNB receiver-ID: **DANFOSSPSTST**

**Production**

UNB ID qualifier: **ZZ**

UNB receiver-ID: **DANFOSSPS**

**EDI-Contact:**

[PS.EDI@Danfoss.com](mailto:PS.EDI@Danfoss.com)



**Specifications for EDIFACT DELFOR D99B**  
**Legend:**

**The following abbreviations are used:**

Status : M = Mandatory  
          C = Conditional  
          R = Required  
          N = not used

Format : an = alphanumeric  
          n = numeric

**Examples:**

an..14 → alphanumeric, up to 14 digits  
n8 → numeric, eight digits long



## Specifications for EDIFACT DELFOR D99B

Groups ...

|                              |   |      |       |
|------------------------------|---|------|-------|
| UNH Message header           | M | 1    |       |
| BGM Beginning of message     | M | 1    |       |
| DTM Date/time/period         | M | 10   |       |
| ----- Segment group 2 -----  | C | 99   | ----- |
| NAD Name and address         | M | 1    |       |
| -----                        |   |      |       |
| ----- Segment group 6 -----  | C | 9999 | ----- |
| GIS General indicator        | M | 1    |       |
| -----                        |   |      |       |
| ----- Segment group 12 ----- | C | 9999 | ----- |
| LIN Line item                | M | 1    |       |
| IMD Item description         | C | 10   |       |
| -----                        |   |      |       |
| ----- Segment group 17 ----- | C | 999  | ----- |
| SCC Scheduling conditions    | M | 1    |       |
| -----                        |   |      |       |
| ----- Segment group 18 ----- | C | 999  | ----- |
| QTY Quantity                 | M | 1    |       |
| DTM Date/time/period         | C | 2    |       |
| -----                        |   | 1    |       |
| -----                        |   |      |       |
| UNT Message trailer          | M | 1    |       |

### Abbreviations:

S = Status, R = Repetitions

C = Conditional, M = Mandatory



**Specifications for EDIFACT DELFOR D99B**  
**UNB - INTERCHANGE HEADER**

Function: To identify an interchange

| UN / EDIFACT |   |          |          | Required Implementation       |
|--------------|---|----------|----------|-------------------------------|
| Tag          | Description                                   | Stat.    | Format   | Values / Comments             |
| <b>S001</b>  | <b>SYNTAX IDENTIFIER</b>                      | <b>M</b> |          |                               |
| 0001         | Syntax identifier                             | M        | an..4    | "UNOC"                        |
| 0002         | Syntax version number                         | M        | an..1    | "3"                           |
| <b>S002</b>  | <b>INTERCHANGE SENDER</b>                     | <b>M</b> |          |                               |
| 0004         | Interchange sender identification             | M        | an..35   | "DANFOSSPS" or "DANFOSSPSTST" |
| 0007         | Identification code qualifier                 | N        | an..4    |                               |
| 0008         | Interchange sender internal identification    | N        | an..35   |                               |
| <b>S003</b>  | <b>INTERCHANGE RECIPIENT</b>                  | <b>M</b> |          |                               |
| 0010         | Interchange recipient identification          | M        | an..35   | Sender-ID                     |
| 0007         | Identification code qualifier                 | N        | an..4    |                               |
| 0014         | Interchange recipient internal identification | N        | an..35   |                               |
| <b>S004</b>  | <b>DATE AND TIME OF PREPARATION</b>           | <b>M</b> |          |                               |
| 0017         | Date  | M        | N6       | Actual date (Format = YYMMDD) |
| 0019         | Time  | M        | n4       | Actual time (Format = hhmm)   |
| 0020         | Interchange control reference                 | M        | an..14   | Sequential number             |
| <b>S005</b>  | <b>RECIPIENT'S REFERENCE/PASSWORD DETAILS</b> | <b>N</b> | <b>C</b> |                               |
| 0022         | Recipient reference/password                  | M        | an..14   |                               |
| 0025         | Recipient reference/password qualifier        | C        | an..2    |                               |
| 0026         | Application reference                         | N        | an..14   |                               |
| 0029         | Processing priority code                      | N        | an..1    |                               |
| 0031         | Acknowledgement request                       | N        | an..1    |                               |
| 0032         | Interchange agreement identifier              | N        | an..35   |                               |
| 0035         | Test indicator                                | R        | n1       | 1 = TEST, 0 = PROD            |



Specifications for EDIFACT DELFOR D99B

**UNH - MESSAGE HEADER**

Function: To identify and specify a message

| UN / EDIFACT |                               |          |        | Required Implementation  |
|--------------|-------------------------------|----------|--------|--------------------------|
| Tag          | Description                   | Stat.    | Format | Values / Comments        |
| 0062         | Message reference number      | M        | an..14 | Message reference number |
| <b>S009</b>  | <b>MESSAGE IDENTIFIER</b>     | <b>M</b> |        |                          |
| 0065         | Message type                  | M        | an..6  | "DELFOR"                 |
| 0052         | Message version number        | M        | an..3  | "D"                      |
| 0054         | Message release number        | M        | an..3  | "99B"                    |
| 0051         | Controlling agency, coded     | M        | an..3  | "UN"                     |
| 0057         | Association assigned code     | N        | an..6  |                          |
| 0068         | Common access reference       | N        | an..35 |                          |
| <b>S010</b>  | <b>STATUS OF THE TRANSFER</b> | <b>N</b> |        |                          |
| 0070         | Sequence of transfers         | M        | n..2   |                          |
| 0073         | First and last transfer       | C        | a1     |                          |



## Specifications for EDIFACT DELFOR D99B

### BGM - BEGINNING OF MESSAGE

Function: To indicate the type and function of a message and to transmit the identifying number.

| UN / EDIFACT |  |          |        | Required Implementation |
|--------------|--|----------|--------|-------------------------|
| Tag          | Description                            | Stat.    | Format | Values / Comments       |
| <b>C002</b>  | <b>DOCUMENT/MESSAGE NAME</b>           | <b>R</b> |        |                         |
| 1001         | Document name code                     | R        | an..3  | "241" Delivery schedule |
| 1131         | Code list identification code          | N        | an..3  |                         |
| 3055         | Code list responsible agency code      | N        | an..3  |                         |
| 1000         | Document name                          | N        | an..35 |                         |
| <b>C106</b>  | <b>DOCUMENT/MESSAGE IDENTIFICATION</b> | <b>R</b> |        |                         |
| 1004         | Document/message number                | R        | an..35 | Version Number          |
| 1056         | Version                                | N        | an..9  |                         |
| 1060         | Revision number                        | N        | an..6  |                         |
| 1225         | MESSAGE FUNCTION CODE                  | N        | an..3  |                         |
| 4343         | RESPONSE TYPE CODE                     | N        | an..3  |                         |





Specifications for EDIFACT DELFOR D99B

**DTM - DATE/TIME/PERIOD**

Function: To specify date, and/or time, or period.

| UN / EDIFACT |  |          |        | Required implementation                   |
|--------------|--|----------|--------|---|
| Tag          | Description                              | Stat.    | Format | Values / Comments                         |
| <b>C507</b>  | <b>DATE/TIME/PERIOD</b>                  | <b>M</b> |        |   |
| 2005         | Date/time/period function code qualifier | M        | an..3  | "137" Document/message date/time          |
| 2380         | Date/time/period value                   | R        | an..35 | document date<br>(Format = CCYYMMDDHHMM") |
| 2379         | Date/time/period format code             | R        | an..3  | "203"                                     |



Specifications for EDIFACT DELFOR D99B

**NAD - NAME AND ADDRESS**

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

| UN / EDIFACT |                                     |          |        | Required implementation |
|--------------|-------------------------------------|----------|--------|-------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments       |
| 3035         | PARTY FUNCTION CODE QUALIFIER       | M        | an..3  | "ST" (Ship-to-Party)    |
| <b>C082</b>  | <b>PARTY IDENTIFICATION DETAILS</b> | <b>R</b> |        |                         |
| 3039         | Party identifier                    | M        | an..35 | ship-to-party-number    |
| 1131         | Code list identification code       | R        | an..3  |                         |
| 3055         | Code list responsible agency code   | R        | an..3  | "92" assigned by buyer  |
| <b>C058</b>  | <b>NAME AND ADDRESS</b>             | <b>N</b> |        |                         |
| 3124         | Name and address line               | M        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| <b>C080</b>  | <b>PARTY NAME</b>                   | <b>R</b> |        |                         |
| 3036         | Party name                          | M        | an..35 | party name              |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3045         | Party name format code              | N        | an..3  |                         |
| <b>C059</b>  | <b>STREET</b>                       | <b>R</b> |        |                         |
| 3042         | Street and number/p.o. box          | M        | an..35 | Street and number       |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3164         | CITY NAME                           | R        | an..35 | City                    |
| <b>C819</b>  | <b>COUNTRY SUB-ENTITY DETAILS</b>   | <b>N</b> |        |                         |
| 3229         | Country sub-entity name code        | C        | an..9  |                         |
| 1131         | Code list identification code       | C        | an..3  |                         |
| 3055         | Code list responsible agency code   | C        | an..3  |                         |
| 3228         | Country sub-entity name             | C        | an..35 |                         |
| 3251         | POSTAL IDENTIFICATION CODE          | R        | an..17 | Zip code                |
| 3207         | COUNTRY NAME CODE                   | R        | an..3  | country code            |



**Specifications for EDIFACT DELFOR D99B**

**NAD - NAME AND ADDRESS**

Function: To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

| UN / EDIFACT |                                     |          |        | Required implementation |
|--------------|-------------------------------------|----------|--------|-------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments       |
| 3035         | PARTY FUNCTION CODE QUALIFIER       | M        | an..3  | "SU" (Supplier)         |
| <b>C082</b>  | <b>PARTY IDENTIFICATION DETAILS</b> | <b>R</b> |        |                         |
| 3039         | Party identifier                    | M        | an..35 | Supplier-number         |
| 1131         | Code list identification code       | R        | an..3  |                         |
| 3055         | Code list responsible agency code   | R        | an..3  | "92" assigned by buyer  |
| <b>C058</b>  | <b>NAME AND ADDRESS</b>             | <b>N</b> |        |                         |
| 3124         | Name and address line               | M        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| 3124         | Name and address line               | C        | an..35 |                         |
| <b>C080</b>  | <b>PARTY NAME</b>                   | <b>R</b> |        |                         |
| 3036         | Party name                          | M        | an..35 | party name              |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3036         | Party name                          | N        | an..35 |                         |
| 3045         | Party name format code              | N        | an..3  |                         |
| <b>C059</b>  | <b>STREET</b>                       | <b>R</b> |        |                         |
| 3042         | Street and number/p.o. box          | M        | an..35 | Street and number       |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3042         | Street and number/p.o. box          | N        | an..35 |                         |
| 3164         | CITY NAME                           | R        | an..35 | City                    |
| <b>C819</b>  | <b>COUNTRY SUB-ENTITY DETAILS</b>   | <b>N</b> |        |                         |
| 3229         | Country sub-entity name code        | C        | an..9  |                         |
| 1131         | Code list identification code       | C        | an..3  |                         |
| 3055         | Code list responsible agency code   | C        | an..3  |                         |
| 3228         | Country sub-entity name             | C        | an..35 |                         |
| 3251         | POSTAL IDENTIFICATION CODE          | R        | an..17 | Zip code                |
| 3207         | COUNTRY NAME CODE                   | R        | an..3  | country code            |



Specifications for EDIFACT DELFOR D99B

## GIS - GENERAL INDICATOR

Function: To transmit a processing indicator.

| UN / EDIFACT |                                       |          |        | Required implementation   |
|--------------|---------------------------------------|----------|--------|---------------------------|
| Tag          | Description                           | Stat.    | Format | Values / Comments         |
| <b>C529</b>  | <b>PROCESSING INDICATOR</b>           | <b>M</b> |        |                           |
| 7365         | Processing indicator description code | M        | an..3  | "37" Complete information |
| 1131         | Code list identification code         | N        | an..3  |                           |
| 3055         | Code list responsible agency code     | N        | an..3  |                           |
| 7187         | Process type description code         | N        | an..17 |                           |



## Specifications for EDIFACT DELFOR D99B

### LIN - LINE ITEM

Function: To identify a line item and configuration

| UN / EDIFACT |  |          |        | Required implementation  |
|--------------|--|----------|--------|--------------------------|
| Tag          | Description  | Stat.    | Format | Values / Comments        |
| 1082         | LINE ITEM NUMBER                                   | N        | an..6  |                          |
| 1229         | ACTION<br>REQUEST/NOTIFICATION<br>DESCRIPTION CODE | N        | an..3  |                          |
| <b>C212</b>  | <b>ITEM NUMBER<br/>IDENTIFICATION</b>              | <b>R</b> |        |                          |
| 7140         | Item number  | R        | an..35 | item number              |
| 7143         | Item type identification<br>code                   | R        | an..3  | "IN" Buyer's item number |
| 1131         | Code list identification code                      | N        | an..3  |                          |
| 3055         | Code list responsible<br>agency code               | N        | an..3  |                          |
| <b>C829</b>  | <b>SUB-LINE INFORMATION</b>                        | <b>N</b> |        |                          |
| 5495         | Sub-line indicator, coded                          | C        | an..3  |                          |
| 1082         | Line item number                                   | C        | an..6  |                          |
| 1222         | CONFIGURATION LEVEL                                | N        | n..2   |                          |
| 7083         | CONFIGURATION,<br>CODED                            | N        | an..3  |                          |



## Specifications for EDIFACT DELFOR D99B

### IMD - ITEM DESCRIPTION

Function: To describe an item in either an industry or free format

| UN / EDIFACT |                                      |          |         | Required implementation |
|--------------|--------------------------------------|----------|---------|-------------------------|
| Tag          | Description                          | Stat.    | Format  | Values / Comments       |
| 7077         | ITEM DESCRIPTION<br>TYPE, CODED      | N        | an..3   |                         |
| <b>C272</b>  | <b>ITEM CHARACTERISTIC</b>           | <b>N</b> |         |                         |
| 7081         | Item characteristic code             | C        | an..3   |                         |
| 1131         | Code list identification code        | C        | an..3   |                         |
| 3055         | Code list responsible<br>agency code | C        | an..3   |                         |
| <b>C273</b>  | <b>ITEM DESCRIPTION</b>              | <b>R</b> |         |                         |
| 7009         | Item description<br>identification   | N        | an..17  | "BP" Buyer's part       |
| 1131         | Code list identification code        | N        | an..3   |                         |
| 3055         | Code list responsible<br>agency code | N        | an..3   |                         |
| 7008         | Item description                     | R        | an..256 | Article description     |
| 7008         | Item description                     | N        | an..256 |                         |
| 3453         | Language name code                   | N        | an..3   |                         |
| 7383         | SURFACE/LAYER CODE                   | N        | an..3   |                         |



Specifications for EDIFACT DELFOR D99B

## SCC - SCHEDULING CONDITIONS

Function: To specify scheduling conditions.

| UN / EDIFACT |   |          |        | Required implementation |
|--------------|---|----------|--------|-------------------------|
| Tag          | Description                               | Stat.    | Format | Values / Comments       |
| 4017         | DELIVERY PLAN<br>COMMITMENT LEVEL<br>CODE | M        | an..3  | "4" Planning / forecast |
| 4493         | DELIVERY INSTRUCTION,<br>CODED            | N        | an..3  |                         |
| <b>C329</b>  | <b>PATTERN DESCRIPTION</b>                | <b>N</b> |        |                         |
| 2013         | Frequency code                            | C        | an..3  |                         |
| 2015         | Despatch pattern, coded                   | C        | an..3  |                         |
| 2017         | Despatch pattern timing,<br>coded         | C        | an..3  |                         |

**Danfoss Power Solutions will send only forecast requirements with DELFOR D99B and send firmed (fixed) requirements with the ORDERS D99B message.**



## Specifications for EDIFACT DELFOR D99B

### QTY - QUANTITY

Function: To specify a pertinent quantity.

| UN / EDIFACT |                              |          |        | Required implementation        |
|--------------|------------------------------|----------|--------|--------------------------------|
| Tag          | Description                  | Stat.    | Format | Values / Comments              |
| <b>C186</b>  | <b>QUANTITY DETAILS</b>      | <b>M</b> |        |                                |
| 6063         | Quantity type code qualifier | M        | an..3  | "113" quantity to be delivered |
| 6060         | Quantity                     | M        | an..35 | quantity                       |
| 6411         | Measurement unit code        | R        | an..3  | "PCE / MTR / KGM / a.s.o."     |





Specifications for EDIFACT DELFOR D99B

**DTM - DATE/TIME/PERIOD**

Function: To specify date, and/or time, or period.

| UN / EDIFACT |  |          |        | Required implementation                     |
|--------------|--|----------|--------|---|
| Tag          | Description                              | Stat.    | Format | Values / Comments                           |
| <b>C507</b>  | <b>DATE/TIME/PERIOD</b>                  | <b>M</b> |        |   |
| 2005         | Date/time/period function code qualifier | M        | an..3  | "2" Delivery date / time, requested         |
| 2380         | Date/time/period value                   | R        | an..35 | Requested deilvery date (Format "CCYYMMDD") |
| 2379         | Date/time/period format code             | R        | an..3  | "102"                                       |



**Specifications for EDIFACT DELFOR D99B**

**UNT MESSAGE TRAILER**

Function: To end and check the completeness of a message.

| UN / EDIFACT |                                 |       |        | Required Implementation |
|--------------|---------------------------------|-------|--------|-------------------------|
| Tag          | Description                     | Stat. | Format | Values / Comments       |
| 0074         | Number of segments in a message | M     | n..10  |                         |
| 0062         | Message reference number        | M     | an..14 |                         |



**Specifications for EDIFACT DELFOR D99B**

**UNZ INTERCHANGE TRAILER**

Function: To end and check the completeness of an interchange.

| UN / EDIFACT |                               |       |        | Required Implementation |
|--------------|-------------------------------|-------|--------|-------------------------|
| Tag          | Description                   | Stat. | Format | Values / Comments       |
| 0036         | Interchange control count     | M     | n..6   |                         |
| 0020         | Interchange control reference | M     | An..14 |                         |



## Specifications for EDIFACT DELFOR D99B Overview of a file with groups and notes

```

UNH+<Message reference number>+DELFOR:D:99B:UN'
BGM+241+<Number>+5'
DTM+137:<Document date>:203'
-----
SG02      NAD+ST+<Ship to>::92++<Ship-tp party name+
          <Street>+<City>++<Zip Code>+<Country>'
-----
SG02      NAD+SU+<Supplier>::92++<Supplier+
          <Street>+<City>++<Zip Code>+<Country>'
-----
SG06      GIS+37'
          |
          |SG12      LIN+++<Danfoss material number>:IN'
          |
          |           IMD+++:::<Article description>'
          |           |
          |           |SG17      SCC+4' 4 = Forecast
          |           |
          |           |SG18      QTY+1:<Quantity>:PCE'
          |           |
          |           |           DTM+2:<requested delivery date>:102'
          |           |
          |           |-----
          |           |           UNT+12+<Message reference number>'
          |           |-----
          |-----
-----

```

The following abbreviations are used:

Status : M = Mandatory, C = Conditional, R = Required, N = not used

Format : an = alphanumeric, n = numeric

Examples: an..14 → alphanumeric, up to 14 digits

N8 → numeric, eight digits long