



# **EDIFACT ORDERS D99B Guideline**

17.09.2013

Version 1.0



## Specifications for EDIFACT ORDERS D99B

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## Specifications for EDIFACT ORDERS D99B

### Introduction

This document describes the message of a purchase order from Danfoss Power Solutions to suppliers.

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

We used the ORDERS both for the creation and the change of a purchase orders. In the BGM-segment we specify the usage of it.

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 the following communication channel:

#### - 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 Sender-ID: **DANFOSSPSTST**

#### Production

UNB ID qualifier: **ZZ**

UNB Sender-ID: **DANFOSSPS**

#### EDI-Contact:

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



## Specifications for EDIFACT ORDERS 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 ORDERS D99B

### HEADER SECTION

|       |                                |   |    |
|-------|--------------------------------|---|----|
| UNH   | Message header                 | M | 1  |
| BGM   | Beginning of message           | M | 1  |
| DTM   | Date/time/period               | M | 35 |
| FTX   | Free text                      | C | 99 |
| ----- | Segment group 2                | C | 99 |
| NAD   | Name and address               | M | 1  |
| ----- | Segment group 5                | C | 5  |
| CTA   | Contact information            | M | 1  |
| COM   | Communication contact          | C | 5  |
| ----- | Segment group 7                | C | 5  |
| CUX   | Currencies                     | M | 1  |
| ----- | Segment group 8                | C | 10 |
| PAT   | Payment terms basis            | M | 1  |
| ----- | Segment group 12               | C | 5  |
| TOD   | Terms of delivery or transport | M | 1  |

### DETAIL SECTION

|       |                               |   |        |
|-------|-------------------------------|---|--------|
| ----- | Segment group 28              | C | 200000 |
| LIN   | Line item                     | M | 1      |
| PIA   | Additional product id         | C | 25     |
| IMD   | Item description              | C | 99     |
| QTY   | Quantity                      | C | 99     |
| DTM   | Date/time/period              | C | 35     |
| FTX   | Free text                     | C | 99     |
| ----- | Segment group 32              | C | 25     |
| PRI   | Price details                 | M | 1      |
| ----- | Segment group 37              | C | 9999   |
| LOC   | Place/location identification | M | 1      |

### SUMMARY SECTION

|     |                 |   |    |
|-----|-----------------|---|----|
| UNS | Section control | M | 1  |
| MOA | Monetary amount | C | 99 |
| UNT | Message trailer | M | 1  |

### Abbreviations:

S = Status, R = Repetitions  
C = Conditional, M = Mandatory



**Specifications for EDIFACT ORDERS 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 ORDERS 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  | "ORDERS"                 |
| 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 ORDERS 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  | "220" Order                |
| 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 | Number                     |
| 1056         | Version                                | N        | an..9  |                            |
| 1060         | Revision number                        | N        | an..6  |                            |
| 1225         | MESSAGE FUNCTION CODE                  | N        | an..3  | "9" original<br>"4" change |
| 4343         | RESPONSE TYPE CODE                     | N        | an..3  |                            |





## Specifications for EDIFACT ORDERS 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 ORDERS D99B

### FTX – Free text (Danfoss Power Solutions Terms & Conditions)

Function: To provide free form or coded text information

| UN / EDIFACT |                                   |          |         | Required Implementation |
|--------------|-----------------------------------|----------|---------|-------------------------|
| Tag          | Description                       | Stat.    | Format  | Values / Comments       |
| 4451         | TEXT SUBJECT CODE QUALIFIER       | M        | an..3   |                         |
| 4453         | TEXT FUNCTION, CODED              | N        | an..3   |                         |
| <b>C107</b>  | <b>TEXT REFERENCE</b>             | <b>N</b> |         |                         |
| 4441         | Free text value code              | M        | an..17  |                         |
| 1131         | Code list identification code     | C        | an..3   |                         |
| 3055         | Code list responsible agency code | C        | an..3   |                         |
| <b>C108</b>  | <b>TEXT LITERAL</b>               | <b>R</b> |         |                         |
| 4440         | Free text value                   | M        | an..512 |                         |
| 4440         | Free text value                   | C        | an..512 |                         |
| 4440         | Free text value                   | N        | an..512 |                         |
| 4440         | Free text value                   | N        | an..512 |                         |
| 4440         | Free text value                   | N        | an..512 |                         |
| 3453         | LANGUAGE NAME CODE                | N        | an..3   |                         |
| 4447         | TEXT FORMATTING, CODED            | N        | an..3   |                         |



## Specifications for EDIFACT ORDERS D99B

### FTX – Free text

Function: To provide free form or coded text information

| UN / EDIFACT |                                   |           |         | Required Implementation |
|--------------|-----------------------------------|-----------|---------|-------------------------|
| Tag          | Description                       | Stat.     | Format  | Values / Comments       |
| 4451         | TEXT SUBJECT CODE QUALIFIER       | M         | an..3   | "ZZZ" Mutually defined  |
| 4453         | TEXT FUNCTION, CODED              | N         | an..3   |                         |
| <b>C107</b>  | <b>TEXT REFERENCE</b>             | <b>N</b>  |         |                         |
| 4441         | Free text value code              | M         | an..17  |                         |
| 1131         | Code list identification code     | C         | an..3   |                         |
| 3055         | Code list responsible agency code | C         | an..3   |                         |
| <b>C108</b>  | <b>TEXT LITERAL</b>               | <b>CR</b> |         |                         |
| 4440         | Free text value                   | M         | an..512 | Free text value         |
| 4440         | Free text value                   | C         | an..512 |                         |
| 4440         | Free text value                   | C         | an..512 |                         |
| 4440         | Free text value                   | C         | an..512 |                         |
| 4440         | Free text value                   | C         | an..512 |                         |
| 3453         | LANGUAGE NAME CODE                | C         | an..3   |                         |
| 4447         | TEXT FORMATTING, CODED            | C         | an..3   |                         |



Specifications for EDIFACT ORDERS D99B

**NAD - NAME AND ADDRESS (Consignee)**

Function: To specify the name/address and their related function.

| UN / EDIFACT |                                     |          |        | Required implementation |
|--------------|-------------------------------------|----------|--------|-------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments       |
| 3035         | PARTY FUNCTION CODE QUALIFIER       | M        | an..3  | "CN" (Consignee)        |
| <b>C082</b>  | <b>PARTY IDENTIFICATION DETAILS</b> | <b>R</b> |        |                         |
| 3039         | Party identifier                    | M        | an..35 | Consignee               |
| 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 ORDERS D99B

**NAD - NAME AND ADDRESS (Supplier)**

Function: To specify the name/address and their related function.

| 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>N</b> |        |                         |
| 3036         | Party name                          | M        | an..35 |                         |
| 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>N</b> |        |                         |
| 3042         | Street and number/p.o. box          | M        | an..35 |                         |
| 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 |                         |
| <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          | N        | an..17 |                         |
| 3207         | COUNTRY NAME CODE                   | N        | an..3  |                         |



Specifications for EDIFACT ORDERS D99B

**NAD - NAME AND ADDRESS (Buyer)**

Function: To specify the name/address and their related function.

| UN / EDIFACT |                                     |          |        | Required implementation |
|--------------|-------------------------------------|----------|--------|-------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments       |
| 3035         | PARTY FUNCTION CODE QUALIFIER       | M        | an..3  | "BY" (Buyer)            |
| <b>C082</b>  | <b>PARTY IDENTIFICATION DETAILS</b> | <b>R</b> |        |                         |
| 3039         | Party identifier                    | M        | an..35 | Buyer 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>N</b> |        |                         |
| 3036         | Party name                          | M        | an..35 |                         |
| 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>N</b> |        |                         |
| 3042         | Street and number/p.o. box          | M        | an..35 |                         |
| 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                           | N        | an..35 |                         |
| <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          | N        | an..17 |                         |
| 3207         | COUNTRY NAME CODE                   | N        | an..3  |                         |



Specifications for EDIFACT ORDERS D99B

**CTA – CONTACT INFORMATIONNAME AND ADDRESS**

Function: To identify a person or a department to whom communication should be directed.

| UN / EDIFACT |                                       |          |        | Required Implementation |
|--------------|---------------------------------------|----------|--------|-------------------------|
| Tag          | Description                           | Stat.    | Format | Values / Comments       |
| 3139         | CONTACT FUNCTION CODE                 | C        | an..3  | "PD" Purchasing contact |
| <b>C056</b>  | <b>DEPARTMENT OR EMPLOYEE DETAILS</b> | <b>C</b> |        |                         |
| 3413         | Department or employee identification | C        | an..17 | Department              |
| 3412         | Department or employee                | C        | an..35 | Employee                |



Specifications for EDIFACT ORDERS D99B

**COM – CONTACT INFORMATIONNAME AND ADDRESS**

Function: To identify a communication number of a person or a department to whom communication should be directed.

| UN / EDIFACT |                                     |          |         | Required Implementation                   |
|--------------|-------------------------------------|----------|---------|---|
| Tag          | Description                         | Stat.    | Format  | Values / Comments                         |
| <b>C076</b>  | <b>COMMUNICATION CONTACT</b>        | <b>M</b> |         |   |
| 3148         | Communication number                | M        | an..512 | Telephone or Fax Number                   |
| 3155         | Communication number code qualifier | M        | an..3   | "TE" Telephone<br>"FX" Fax<br>"EM" E-Mail |





**Specifications for EDIFACT ORDERS D99B**

**CUX - Currencies**

Function: To specify currencies used in the transaction and relevant details for the rate of exchange.

| UN / EDIFACT |  |          |        | Required Implementation                 |
|--------------|--|----------|--------|---|
| Tag          | Description                                    | Stat.    | Format | Values / Comments                       |
| <b>C504</b>  | <b>CURRENCY DETAILS</b>                        | <b>R</b> |        |   |
| 6347         | Currency details qualifier                     | M        | an..3  | "2" Reference currency                  |
| 6345         | Currency identification code                   | R        | an..3  | Currency identification code (e.g. EUR) |
| 6343         | Currency qualifier                             | R        | an..3  | "4" Invoice currency                    |
| 6348         | Currency rate base                             | N        | n..4   |   |
| <b>C504</b>  | <b>CURRENCY DETAILS</b>                        | <b>N</b> |        |   |
| 6347         | Currency details qualifier                     | M        | an..3  |   |
| 6345         | Currency identification code                   | C        | an..3  |   |
| 6343         | Currency qualifier                             | C        | an..3  |   |
| 6348         | Currency rate base                             | C        | n..4   |   |
| 5402         | RATE OF EXCHANGE                               | N        | n..12  |   |
| 6341         | EXCHANGE RATE<br>CURRENCY MARKET<br>IDENTIFIER | N        | an..3  |   |



## Specifications for EDIFACT ORDERS D99B

### PAT – Payment term basis

Function: To specify the payment terms basis.

| UN / EDIFACT |   |       |        | Required implementation |
|--------------|---|-------|--------|-------------------------|
| Tag          | Description                             | Stat. | Format | Values / Comments       |
| 4279         | PAYMENT TERMS TYPE<br>CODE QUALIFIER    | M     | an..3  | "1" Basic               |
| C110         | PAYMENT TERMS                           | C     |        |                         |
| 4277         | Payment terms description<br>identifier | M     | an..17 |                         |
| 1131         | Code list identification code           | C     | an..3  |                         |
| 3055         | Code list responsible<br>agency code    | C     | an..3  |                         |
| 4276         | Payment terms description               | C     | an..35 | e.g. "14 days 2 % net"  |
| 4276         | Payment terms description               | C     | an..35 |                         |
| C112         | TERMS/TIME<br>INFORMATION               | C     |        |                         |
| 2475         | Time reference code                     | M     | an..3  |                         |
| 2009         | Terms time relation code                | C     | an..3  |                         |
| 2151         | Period type code                        | C     | an..3  |                         |
| 2152         | Period count quantity                   | C     | n..3   |                         |



Specifications for EDIFACT ORDERS D99B  
**TOD - TERMS OF DELIVERY OR TRANSPORT**

Function: To specify terms of delivery or transport.

| UN / EDIFACT |  |          |        | Required Implementation                      |
|--------------|--|----------|--------|--|
| Tag          | Description                                    | Stat.    | Format | Values / Comments                            |
| 4055         | TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED | M        | an..3  | "6" Delivery Condition                       |
| 4215         | TRANSPORT CHARGES PAYMENT METHOD CODE          | N        | an..3  |  |
| <b>C100</b>  | <b>TERMS OF DELIVERY OR TRANSPORT</b>          | <b>R</b> |        |  |
| 4053         | Delivery or transport terms description code   | R        | an..3  | Delivery or transport terms description code |
| 1131         | Code list identification code                  | N        | an..3  |  |
| 3055         | Code list responsible agency code              | N        | an..3  |  |
| 4052         | Delivery or transport terms description        | R        | an..70 | Delivery or transport terms description      |
| 4052         | Delivery or transport terms description        | N        | an..70 |  |



## Specifications for EDIFACT ORDERS 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                                   | R        | an..6  | Line Item Number           |
| 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  |                            |

Please send us back our item number (field 1082) in the RFF-Segment with qualifier "ON" in the DESADV.



Specifications for EDIFACT ORDERS D99B

**PIA – Additional product id**

Function: To specify additional or substitution item identification codes.

| UN / EDIFACT |                                   |          |        | Required Implementation   |
|--------------|-----------------------------------|----------|--------|---|
| Tag          | Description                       | Stat.    | Format | Values / Comments   |
| 4347         | PRODUCT ID. FUNCTION QUALIFIER    | M        | an..3  | "5" Product identification  |
| <b>C212</b>  | <b>ITEM NUMBER IDENTIFICATION</b> | <b>M</b> |        |   |
| 7140         | Item number                       | R        | an..35 | Item number   |
| 7143         | Item type identification code     | N        | an..3  | "SA" Seller's Article   |
| 1131         | Code list identification code     | N        | an..3  |   |
| 3055         | Code list responsible agency code | N        | an..3  |   |
| <b>C212</b>  | <b>ITEM NUMBER IDENTIFICATION</b> | <b>N</b> |        |   |
| 7140         | Item number                       | C        | an..35 | Drawing number (e.g. REV. 22324-137-063)<br>Material Revision Level (e.g. A, B ...) |
| 7143         | Item type identification code     | C        | an..3  | "DW" (Drawing Number)<br>"EC" (Material Revision level)                             |
| 1131         | Code list identification code     | C        | an..3  |   |
| 3055         | Code list responsible agency code | C        | an..3  |   |
| <b>C212</b>  | <b>ITEM NUMBER IDENTIFICATION</b> | <b>N</b> |        |   |
| 7140         | Item number                       | C        | an..35 |   |
| 7143         | Item type identification code     | C        | an..3  |   |
| 1131         | Code list identification code     | C        | an..3  |   |
| 3055         | Code list responsible agency code | C        | an..3  |   |
| <b>C212</b>  | <b>ITEM NUMBER IDENTIFICATION</b> | <b>N</b> |        |   |
| 7140         | Item number                       | C        | an..35 |   |
| 7143         | Item type identification code     | C        | an..3  |   |
| 1131         | Code list identification code     | C        | an..3  |   |
| 3055         | Code list responsible agency code | C        | an..3  |   |
| <b>C212</b>  | <b>ITEM NUMBER IDENTIFICATION</b> | <b>N</b> |        |   |
| 7140         | Item number                       | C        | an..35 |   |
| 7143         | Item type identification code     | C        | an..3  |   |
| 1131         | Code list identification code     | C        | an..3  |   |
| 3055         | Code list responsible agency code | C        | an..3  |   |



## Specifications for EDIFACT ORDERS 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   | "F" Free text           |
| <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   | R        | 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 ORDERS D99B

### QTY - QUANTITY

Function: To specify a 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  | "21" order quantity<br>"85" cancelation |
| 6060         | Quantity                     | M        | an..35 | Quantity                                |
| 6411         | Measurement unit code        | R        | an..3  | e.g. "PCE"                              |



## Specifications for EDIFACT ORDERS 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 | document date                        |
| 2379         | Date/time/period format code             | R        | an..3  | "203"                                |





Specifications for EDIFACT ORDERS D99B

**MOA - MONETARY AMOUNT**

Function: To specify a monetary amount.

| UN / EDIFACT |                                     |          |        | Required Implementation |
|--------------|-------------------------------------|----------|--------|-------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments       |
| <b>C516</b>  | <b>MONETARY AMOUNT</b>              | <b>M</b> |        |                         |
| 5025         | Monetary amount type code qualifier | M        | an..3  | "203" Line Item amount  |
| 5004         | Monetary amount value               | C        | n..35  | Monetary amount value   |
| 6345         | Currency identification code        | C        | an..3  |                         |
| 6343         | Currency qualifier                  | C        | an..3  |                         |
| 4405         | Status description code             | C        | an..3  |                         |



## Specifications for EDIFACT ORDERS D99B

### FTX – Free text

Function: To provide free form or coded text information

| UN / EDIFACT |                                   |          |         | Required Implementation |
|--------------|-----------------------------------|----------|---------|-------------------------|
| Tag          | Description                       | Stat.    | Format  | Values / Comments       |
| 4451         | TEXT SUBJECT CODE QUALIFIER       | M        | an..3   | "ZZZ" Mutually defined  |
| 4453         | TEXT FUNCTION, CODED              | C        | an..3   |                         |
| <b>C107</b>  | <b>TEXT REFERENCE</b>             | <b>C</b> |         |                         |
| 4441         | Free text value code              | M        | an..17  |                         |
| 1131         | Code list identification code     | C        | an..3   |                         |
| 3055         | Code list responsible agency code | C        | an..3   |                         |
| <b>C108</b>  | <b>TEXT LITERAL</b>               | <b>C</b> |         |                         |
| 4440         | Free text value                   | M        | an..512 | Free text               |
| 4440         | Free text value                   | C        | an..512 |                         |
| 4440         | Free text value                   | C        | an..512 |                         |
| 4440         | Free text value                   | C        | an..512 |                         |
| 4440         | Free text value                   | C        | an..512 |                         |
| 3453         | LANGUAGE NAME CODE                | C        | an..3   |                         |
| 4447         | TEXT FORMATTING, CODED            | C        | an..3   |                         |



## Specifications for EDIFACT ORDERS D99B

### PRI – PRICE DETAILS

Function: To specify price information.

| UN / EDIFACT |                                 |          |        | Required Implementation |
|--------------|---------------------------------|----------|--------|-------------------------|
| Tag          | Description                     | Stat.    | Format | Values / Comments       |
| <b>C509</b>  | <b>PRICE INFORMATION</b>        | <b>C</b> |        |                         |
| 5125         | Price qualifier                 | M        | an..3  | “AAA” Net Value         |
| 5118         | Price                           | C        | n..15  | Value                   |
| 5375         | Price type, coded               | C        | an..3  |                         |
| 5387         | Price specification code        | C        | an..3  |                         |
| 5284         | Unit price basis                | C        | n..9   | Unit price basis        |
| 6411         | Measurement unit code           | C        | an..3  | e.g. “PCE”              |
| 5213         | SUB-LINE PRICE<br>CHANGE, CODED | C        | an..3  |                         |



Specifications for EDIFACT ORDERS D99B

**LOC – Place / Location identification (Place of discharge)**

Function: To identify a place or a location and/or related locations

| UN / EDIFACT |  |          |         | Required Implementation      |
|--------------|--|----------|---------|------------------------------|
| Tag          | Description                                | Stat.    | Format  | Values / Comments            |
| 3227         | LOCATION FUNCTION CODE QUALIFIER           | M        | an..3   | "11" Place/port of discharge |
| <b>C517</b>  | <b>LOCATION IDENTIFICATION</b>             | <b>C</b> |         |                              |
| 3225         | Location name code                         | C        | an..25  | Location e.g. "1011"         |
| 1131         | Code list identification code              | C        | an..3   |                              |
| 3055         | Code list responsible agency code          | C        | an..3   |                              |
| 3224         | Location name                              | C        | an..256 |                              |
| <b>C519</b>  | <b>RELATED LOCATION ONE IDENTIFICATION</b> | <b>C</b> |         |                              |
| 3223         | Related place/location one identification  | C        | an..25  |                              |
| 1131         | Code list identification code              | C        | an..3   |                              |
| 3055         | Code list responsible agency code          | C        | an..3   |                              |
| 3222         | Related place/location one                 | C        | an..70  |                              |
| <b>C553</b>  | <b>RELATED LOCATION TWO IDENTIFICATION</b> | <b>C</b> |         |                              |
| 3233         | Related place/location two identification  | C        | an..25  |                              |
| 1131         | Code list identification code              | C        | an..3   |                              |
| 3055         | Code list responsible agency code          | C        | an..3   |                              |
| 3232         | Related place/location two                 | C        | an..70  |                              |
| 5479         | RELATION, CODED                            | C        | an..3   |                              |



Specifications for EDIFACT ORDERS D99B

**LOC – Place / Location identification (Add. internal information)**

Function: To identify a place or a location and/or related locations

| UN / EDIFACT |  |          |         | Required Implementation               |
|--------------|--|----------|---------|---------------------------------------|
| Tag          | Description                                | Stat.    | Format  | Values / Comments                     |
| 3227         | LOCATION FUNCTION CODE QUALIFIER           | M        | an..3   | "159" Additional internal destination |
| <b>C517</b>  | <b>LOCATION IDENTIFICATION</b>             | <b>C</b> |         |                                       |
| 3225         | Location name code                         | C        | an..25  | Location e.g. "90PV"                  |
| 1131         | Code list identification code              | C        | an..3   |                                       |
| 3055         | Code list responsible agency code          | C        | an..3   |                                       |
| 3224         | Location name                              | C        | an..256 |                                       |
| <b>C519</b>  | <b>RELATED LOCATION ONE IDENTIFICATION</b> | <b>C</b> |         |                                       |
| 3223         | Related place/location one identification  | C        | an..25  |                                       |
| 1131         | Code list identification code              | C        | an..3   |                                       |
| 3055         | Code list responsible agency code          | C        | an..3   |                                       |
| 3222         | Related place/location one                 | C        | an..70  |                                       |
| <b>C553</b>  | <b>RELATED LOCATION TWO IDENTIFICATION</b> | <b>C</b> |         |                                       |
| 3233         | Related place/location two identification  | C        | an..25  |                                       |
| 1131         | Code list identification code              | C        | an..3   |                                       |
| 3055         | Code list responsible agency code          | C        | an..3   |                                       |
| 3232         | Related place/location two                 | C        | an..70  |                                       |
| 5479         | RELATION, CODED                            | C        | an..3   |                                       |



Specifications for EDIFACT ORDERS D99B

**UNS – SECTION IDENTIFICATION**

Function: To separate header, detail and summary sections of a message.

| UN / EDIFACT |                        |       |        | Required Implementation |
|--------------|------------------------|-------|--------|-------------------------|
| Tag          | Description            | Stat. | Format | Values / Comments       |
| 0081         | Section Identification | M     | a1     | "S"                     |



Specifications for EDIFACT ORDERS D99B

**MOA - MONETARY AMOUNT**

Function: To specify a monetary amount.

| UN / EDIFACT |                                     |          |        | Required Implementation           |
|--------------|-------------------------------------|----------|--------|-----------------------------------|
| Tag          | Description                         | Stat.    | Format | Values / Comments                 |
| <b>C516</b>  | <b>MONETARY AMOUNT</b>              | <b>M</b> |        |                                   |
| 5025         | Monetary amount type code qualifier | M        | an..3  | "79" total line items amount      |
| 5004         | Monetary amount value               | C        | n..35  | Value of net amount (total lines) |
| 6345         | Currency identification code        | C        | an..3  |                                   |
| 6343         | Currency qualifier                  | C        | an..3  |                                   |
| 4405         | Status description code             | C        | an..3  |                                   |



**Specifications for EDIFACT ORDERS 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 ORDERS 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 ORDERS D99B

### Overview of a file with groups

```
BGM+220+4501224714+9'  
DTM+137:20091110:102'  
FTX+ABC+++Orders subject to Terms and Conditions  
published on our website: http://www.sauer-  
danfoss.com/Procurement/InformationDownloads/GeneralTe  
rmsConditions/index.htm  
FTX+ZZZ+++Header text'  
-----  
SG02 NAD+BY+1010::92'  
  |-----  
  | SG05 CTA+PD+Purchasing NMS-OF:NMS K. Fock'  
  | COM+494321871569:TE'  
  | COM+494321990569:FX'  
  |-----  
-----  
SG02 NAD+SU+101207::92'  
-----  
SG02 NAD+CN+1011::92++Danfoss Power Solutions  
      +Weserstrasse+Neumünster++24539+DE'  
-----  
SG07 CUX+2:EUR:4'  
-----  
SG08 PAT+1+AGREE:::14 Tage 2 % Skonto'  
      PAT+1+AGREE:::30 Tage netto'  
-----  
SG12 TOD+6++EXW:::Schongau'  
-----  
SG28 LIN+00001++11016942:IN'  
      PIA+BP+0815'  
      IMD+++BP:::PLATE-VALVE-PUMP 51S120 R CP 0'  
      QTY+21:100:PCE'  
      DTM+2:20091126:102'  
      MOA+203:777'  
      FTX+ZZZ+++inforecord TEXT'  
      FTX+ZZZ+++Text in P/O item'  
  |-----  
  | SG32 PRI+AAA:7.77:::1:PCE'  
  |-----  
  | SG37 LOC+11+1011'  
  | LOC+159+90PV'  
  |-----  
-----  
      UNS+S'  
      MOA+79:777'  
      UNT+25+6'  
      UNZ+1+156'
```