



# **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 (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 REQUEST/NOTIFICATION DESCRIPTION CODE	N	an..3	
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>R</b>		
7140	Item number	R	an..35	item number
7143	Item type identification code	R	an..3	"IN" Buyer's item number
1131	Code list identification code	N	an..3	
3055	Code list responsible 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, 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 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 agency code	C	an..3	
<b>C273</b>	<b>ITEM DESCRIPTION</b>	<b>R</b>		
7009	Item description identification	N	an..17	"BP" Buyer's part
1131	Code list identification code	N	an..3	
3055	Code list responsible 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 COMMITMENT LEVEL CODE	M	an..3	"4" Planning / forecast
4493	DELIVERY INSTRUCTION, 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, 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