Specifications for 4010 ANSI X12 830

SUMMARY

This transaction set is used to communicate from Danfoss Power Solutions either the Planned Requirements or Delivery Based Requirements to our suppliers.

Danfoss Power Solutions uses the ANSI X12 – 830 specification version 4010. This specification is included as well as examples.

Notes regarding 830 transmission from Danfoss Power Solutions

- All of the segments in the 830 are not illustrated, just the mandatory segments and the ones Danfoss Power Solutions uses. Refer to your EDI standards documentation for further information.
- If the BFR02 contains a "PR", the 830 contains only Planned Requirements and there will be no Purchase Order Number. The firm requirements will be provided on an 850 EDI message.

Special Characters
Delimiters
Danfoss Power Solutions uses the asterisk (*) for the element separator, the tilde (~) for the segment terminator, and the colon (:) for the sub-element separator.

VAN Information - Value Added Network

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 or visit http://www.ibm.com/support.

ISA/GS Information

Test
ISA ID qualifier: **ZZ**
ISA ID: **DANFOSSPSTST**
GS ID: **DANFOSSPSTST**

Production
ISA ID qualifier: **ZZ**
ISA ID: **DANFOSSPS**
GS ID: **DANFOSSPS**

EDI Contact:
PS.EDI@Danfoss.com

830 Planning Schedule with Release Capability

Functional Group=PS

This Standard contains the format and establishes the data contents of the Planning Schedule Transaction Set (830) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) a forecast with the buyer's authorization for the seller to commit to resources, such as labor or material; (3) a forecast that is also used as an order release mechanism, containing such elements as resource authorizations, period-to-date cumulative quantities, and specific ship/delivery patterns for requirements that have been represented in "buckets," such as weekly, monthly, or quarterly. The order release forecast may also contain all data related to purchase orders, as required, because the order release capability eliminates the need for discrete generation of purchase orders.

BFR - Beginning Segment for Planning Schedule

BFR01				Transaction Set Purpose Code	“00” (Original)
BRF02				Reference Identification	Current date
BFR03				Release Number	PO release
BFR04				Schedule Type Qualifier	“DL” (Delivery Based) “PR” (Planned Requirements Based)
BFR05				Schedule Quantity Qualifier	“A” (Actual Discrete Quantities)
BFR06				Date (CCYYMMDD)	Horizon start date
BFR07				Date (CCYYMMDD)	Horizon end date
BFR08				Date (CCYYMMDD)	Date forecast was generated
BFR11				PO Number	PO number (Optional)

Specifications for 4010 ANSI X12 830

N1 - Ship To Name

N101				Entity Identifier Code	"ST" (Ship to)
N102				Name	Danfoss Power Solutions
N103					"6" (Plant code)
N104				Danfoss plant code	1501 Ames, IA Production Units 1502 Freeport, IL 1505 Ames, IA NAECS (Service Parts) 1520 Easley, SC 1540 Minneapolis, MN 1011 Neumunster, Germany 1014 Neumunster, Germany 1352 Dubnica, Slovakia

N2 – Additional Name Information

N201				Name	
N202				Name	

N3 - Ship To Address Information

N301				Address Information	
N302				Address Information	

N4 - Ship To Geographic Location

N401				City Name	
N402				State	
N403				Zip Code	

N404				Country Code	

PER – Administrative Communications Contact

PER01					"BD" (Buyer's Name) "DC" (Delivery Contact)
PER02				Buyer's Name	
PER03					"TE" Telephone Number
PER04				Communication Number	Buyer's Phone Number

N1 - Ship From Name

N101				Entity Identifier Code	"SF" (Ship from)
N102				Supplier Name	
N103					"ZZ" Mutually Defined
N104				Supplier ID	Your Supplier Number in our system

LIN – Item Identification

LIN01				Line Number	"00010"
LIN02					"BP" (Buyer's Part Number)
LIN03				Danfoss Part Number	
LIN04					"DR" (Drawing Revision Number)
LIN05				Revision Level	Only present if a PO number is listed in BRF11
LIN06					"PD" (Product Description)
LIN07				Product Description	
LIN08					"VP" (Vendor's Part Number)
LIN09				Supplier's Part Number	

UIT - Unit Detail

UIT01				Unit of Measure Code	"EA" (Each) "FT" (Feet)

Specifications for 4010 ANSI X12 830

FST - Forecast Schedule (repeat as needed)

FST01				Quantity	
FST02				Forecast Qualifier	"C" (Firm) "D" (Planning)
FST03				Forecast Timing Qualifier	"D" (Discrete)
FST04				Date (CCYYMMDD)	
FST05				Date	not used
FST06				Date/Time Qualifier	not used
FST07				Time	not used
FST08				Reference ID Qualifier	"RE" (release number)
FST09				Reference ID	Release number

SHP - Shipped/Received Information

SHP01				Quantity Qualifier	"01" (Discrete Qty)
SHP02				Quantity	Last Receipt Qty
SHP03				Date/Time Qualifier	"050" (Received)
SHP04				Date (CCYYMMDD)	Date of last receipt

SHP - Shipped/Received Information

SHP01				Quantity Qualifier	"02" (Cumulative Qty)
SHP02				Quantity	Cumulative Receipt Qty
SHP03				Date/Time Qualifier	"051" (Cumulative Start Qty)
SHP04				Date (CCYYMMDD)	Start date of Cuml. Qty

CTT - Transaction Totals

CTT01				Total of LIN segments	

CTT02				Hash Total	Total qty on release (FST01 total)