



FILE LAYOUT
FOR
845 EDI TRANSACTION
(OUTBOUND)
VERSION 4010

OVERVIEW

PURPOSE OF TRANSACTION – Inbound (Hubbell to Trading Partner) Price Authorization Status

VERSION – Version 1

SUPPLIER – Hubbell Incorporated
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TECHNICAL CONTACT – Hubbell Service Desk 1-800-HUBBELL

APPLICABLE STANDARDS – ANSI X.12, Versions 3060 – 5010
Electro-Industry EDI-Pro

VERSION CONTROL

Date of Change	Segment Changed	Element Changed	Position Number	DESCRIPTION OF CHANGE

845 LAYOUT

HEADER

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
BPA	BEGINNING SEGMENT FOR PRICE AUTHORIZATION ACKNOWLEDGEMENTS
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
	DETAIL AREA
CON	CONTRACT NUMBER DETAIL
	SUB DETAIL AREA
PAD	PRODUCT ADJUSTMENT DETAIL
LIN	ITEM DETAIL
CTP	PRICING INFORMATION

DTM	DATE/TIME REFERENCE
SUMMARY AREA	
CTT	TRANSACTION TOTALS
SE	TRANSACTION SET TRAILER
ENVELOPE AREA	
GE	GROUP SET TRAILER
IEA	INTERCHANGE TRAILER

‘ISA’ - INTERCHANGE CONTROL HEADER

PURPOSE: To indicate the start of an EDI interchange and assign a control number

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ISA01	AUTHORIZATION INFORMATION QUALIFIER	M	ID	2/2	
ISA02	AUTHORIZATION INFORMATION	M	AN	10/10	
ISA03	SECURITY INFORMATION QUALIFIER	M	ID	2/2	
ISA04	SECURITY INFORMATION	M	AN	10/10	
ISA05	INTERCHANGE ID QUALIFIER	M	ID	2/2	
ISA06	INTERCHANGE SENDER ID	M	AN	15/15	
ISA07	INTERCHANGE ID QUALIFIER	M	ID	2/2	
ISA08	INTERCHANGE RECEIVER ID	M	AN	15/15	
ISA09	INTERCHANGE DATE	M	DT	6/6	
ISA10	INTERCHANGE TIME	M	TM	4/4	
ISA11	INTERCHANGE CONTROL STANDARDS IDENTIFIER	M	ID	1/1	
ISA12	INTERCHANGE CONTROL VERSION NUMBER	M	ID	5/5	
ISA13	INTERCHANGE CONTROL NUMBER	M	N0	9/9	
ISA14	ACKNOWLEDGEMENT REQUESTED	M	ID	1/1	
ISA15	USAGE INDICATOR	M	ID	1/1	
ISA16	COMPONENT ELEMENT SEPARATOR	M		1/1	

'GS' - INTERCHANGE CONTROL HEADER

PURPOSE: To indicate the start of an EDI functional group and assign a control number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
GS01	FUNCTIONAL IDENTIFIER CODE	M	ID	2/2	
GS02	APPLICATION SENDERS CODE	M	AN	2/15	See division conversion sheet below
GS03	APPLICATION RECEIVERS CODE	M	AN	2/15	
GS04	DATE	M	DT	8/8	
GS05	TIME	M	TM	4/8	
GS06	GROUP CONTROL NUMBER	M	N0	1/9	
GS07	RESPONSIBLE AGENCY CODE	M	ID	1/2	
GS08	VERSION IDENTIFIER CODE	M	AN	1/12	

'ST'- TRANSACTION HEADER

PURPOSE: To indicate the start of an EDI transaction set group and assign a control number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ST01	TRANS. SET I.D. NUMBER	M	ID	3/3	845
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	

'BPA' - BEGINNING RECORD FOR PRICE AUTHORIZATION

PURPOSE: To indicate the beginning segment for a Price Authorization/Status transaction set.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BPA01	TRANS SET PURPOSE CODE	M	ID	2/2	
BPA02	DATE	M	DT	8/8	

'N1' - NAME

PURPOSE: To identify a party by type of organization, name and code

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N101	ENTITY IDENTIFIER QUALIFIER	M	ID	2/3	BY - BUYING PARTY EN - END USER SE - SELLING PARTY
N102	NAME	M	AN	1/60	
N103	IDENTIFICATION CODE QUALIFIER	O	ID	1 /2	
N104	IDENTIFICATION CODE	O	AN	2/80	

'N2' - ADDITIONAL NAME INFORMATION

PURPOSE: To specify additional names.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N201	NAME	O	AN	1/60	
N202	NAME	O	AN	1/60	

'N3' - ADDRESS INFORMATION

PURPOSE: To specify the location of the named party.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N301	ADDRESS LINE 1	O	AN	1/55	
N302	ADDRESS LINE 2	O	AN	1/55	

'N4' - GEOGRAPHIC LOCATION

PURPOSE: To specify the geographic place of the named party.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
N401	CITY	O	AN	2/30	
N402	STATE	O	ID	2/2	
N403	ZIP CODE	O	ID	3/15	

'CON' - CONTRACT NUMBER DETAIL

PURPOSE: To specify contract or reference number and status.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CON01	REFERENCE NUMBER QUAL	M	ID	2/3	
CON02	REFERENCE NUMBER	M	AN	1/30	
CON03	CONTRACT STATUS CODE	M	ID	2/2	

'PAD' - PRODUCT ADJUSTMENT DETAIL

PURPOSE: To specify the product transfer type and/or line item number.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
PAD02	PRODUCT TRANSFER TYPE CODE	M	ID	2/2	SD - SHIP & DEBIT SALE (customer to end customer)

'LIN' - ITEM IDENTIFICATION

PURPOSE: To specify basic item identification data.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
LIN02	PRODUCT ID QUALIFIER	M	ID	2/2	
LIN03	PRODUCT ID	M	AN	1/48	
LIN04	PRODUCT ID QUALIFIER	O	ID	2/2	
LIN05	PRODUCT ID	O	AN	1/48	
LIN06	PRODUCT ID QUALIFIER	O	ID	2/2	
LIN07	PRODUCT ID	O	AN	1/48	

'CTP' - PRICING INFORMATION

PURPOSE: To specify pricing information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CTP01	CLASS OF TRADE CODE	O	ID	2/2	DI - DISTRIBUTOR
CTP02	PRICE IDENTIFIER CODE	O	ID	3/3	QTE - QUOTE PRICE
CTP03	UNIT PRICE	O	R	1/17	
CTP06	PRICE MULTIPLIER QUALIFIER	O	ID	3/3	
CTP07	MULTIPLIER	O	R	1/10	
CTP09	BASIS OF UNIT PRICE CODE	O	ID	2/2	

'DTM' - DATE/TIME REFERENCE

PURPOSE: To specify pertinent dates and times.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
DTM01	DATE/TIME QUALIFIER	O	ID	2/2	092 - CONTRACT EFFECTIVE DATE 093 - CONTRACT EXPIRATION DATE
DTM02	DATE	O	DT	8/8	

'CTT' - TRANSACTION TOTALS

PURPOSE: To transmit hash totals for a specific element in the transaction set.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CTT01	NUMBER OF LINE ITEMS	M	N0	1/6	
CCT02	HASH TOTALS (TOTAL QTY ORDERED)	M	R	1/10	

'SE' - TRANSACTION SET TRAILER

PURPOSE: To indicate the end of a transaction set and provide a count of transmitted segments.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
SE01	NUMBER OF INCLUDED SEGMENTS	M	N0	1/10	
SE02	TRANSACTION SET CONTROL NBR	M	AN	4/9	

'GE' - FUNCTIONAL GROUP CONTROL TRAILER

PURPOSE: To indicate the end of a functional group and provide control number information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
GE01	NUMBER OF INCLUDED FUNCTIONAL GROUPS	M	N0	1/6	
GE02	GROUP CONTROL NBR	M	N0	1/9	

'IEA' - INTERCHANGE CONTROL TRAILER

PURPOSE: To indicate the end of an interchange and provide control number information.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
IEA01	NUMBER OF INCLUDED FUNCTIONAL GROUPS	M	N0	1/5	
IEA02	INTERCHANGE CONTROL NBR	M	N0	9/9	

Hubbell Divisional Conversion Factors

Hubbell Division	Divisional DUNS Number
Hubbell Power Systems (all divisions)	048265974
Bryant Electric	001183078
Premise Wiring	615975620
Wiring Device Kellems	067068759
Building Automation	185308095
Hubbell Canada	200321057
Raco-Bell	005105994
Wiegmann	006302764
Killark Electric	006278261
Hubbell Lighting (except Progress)	058913294
Progress Lighting	188168124
Hipotronics	002015030
GAI-Tronics	002324473
Pulsecom	783691413
ICD - Industrial Controls Division	188176499
Gleason	151871597