



**FILE LAYOUT**  
**FOR**  
**855 EDI TRANSACTION**  
**(OUTBOUND)**  
**VERSION 4010**

**OVERVIEW**

**PURPOSE OF TRANSACTION** – Inbound (Hubbell to Trading Partner) Purchase Order Acknowledgement

**VERSION** – Version 1

**SUPPLIER** – Hubbell Incorporated  
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**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

**855 LAYOUT**

**HEADER**

	ENVELOPE AREA
ISA	INTERCHANGE CONTROL HEADER
GS	FUNCTIONAL GROUP HEADER
	HEADER AREA
ST	TRANSACTION SET HEADER
BAK	BEGINNING RECORD
REF	REFERENCE NUMBERS
FOB	F.O.B. RELATED INSTRUCTIONS
ITD	TERMS OF SALE
DTM	DATE/TIME REFERENCE
N1	NAME
N2	ADDITIONAL NAME
N3	ADDRESS
N4	CITY, STATE, ZIP
	DETAIL AREA
PO1	LINE ITEM / CHANGE DATA
CTP	PRICING INFORMATION

PID	PRODUCT / ITEM DESCRIPTION
REF	REFERENCE NUMBERS
DTM	DATE/TIME REFERENCE
SCH	LINE ITEM SCHEDULE
ACK	LINE ITEM ACKNOWLEDGMENT
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	855
ST02	TRANS. SET CONTROL NUMBER	M	AN	4/9	



**“BAK’- BEGINNING RECORD**

**PURPOSE:** To indicate the beginning segment for a Purchase Order Acknowledgement.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
BAK01	TRANSACTION SET PURPOSE CODE	M	ID	2/2	
BAK02	ACKNOWLEDGEMENT TYPE	M	ID	2/2	AC- ACKNOWLEDGE- WITH DETAIL AND CHANGE AD - ACKNOWLEDGE - WITH DETAIL, NO CHANGE AK - ACKNOWLEDGE - NO DETAIL OR CHANGE AT - ACCEPTED RD - REJECTED WITH DETAIL
BAK03	PURCHASE ORDER NUMBER	M	AN	1/22	
BAK04	DATE	M	DT	8/8	
BAK05	RELEASE NUMBER	O	AN	1/30	
BAK08	REFERENCE IDENTIFICATION	M	AN	1/30	SALES ORDER CREATED IN SAP
BAK09	DATE	M	DT	8/8	

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify identifying numbers.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	'VA'
REF02	REFERENCE IDENTIFICATION	O	AN	1/30	VENDOR NUMBER AT CUSTOMER LOCATIO

**'FOB'- F.O.B. RELATED INSTRUCTIONS**

**PURPOSE:** To specify transportation instructions relating to shipment.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
FOB01	SHIPMENT METHOD OF PAYMENT	O	ID	2/2	CC - COLLECT PC - PREPAID BUT CHARGED TO CUSTOMER PP - PREPAID BY SELLER PU - PICKUP

**'ITD'- TERMS OF SALE**

**PURPOSE:** To specify terms of sale.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ITD01	TERMS TYPE CODE	O	ID	2/2	CC - COLLECT PC - PREPAID BUT CHARGED TO CUSTOMER PP - PREPAID BY SELLER PU - PICKUP
ITD02	TERMS BASIS DATE CODE	O	ID	1/2	1 - SHIP DATE 2 - DELIVERY DATE 3 - INVOICE DATE
ITD03	TERMS DISCOUNT PERCENT	O	R	1/6	
ITD04	TERMS DISCOUNT DUE DATE	O	DT	8/8	
ITD05	TERMS DISCOUNT DAYS DUE	O	N0	1/3	
ITD06	TERMS NET DUE DATE	O	DT	8/8	
ITD07	TERMS NET DAYS	O	N0	1/3	

**'DTM'- DATE/TIME REFERENCE**

**PURPOSE:** To specify pertinent dates and times.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
DTM01	DATE/TIME QUALIFIER	M	ID	3/3	002 - DELIVERY REQUESTED 010 - REQUESTED SHIP DATE 037 - SHIP NOT BEFORE 068 - CURRENT SCHEDULE SHIP 093 - CONTRACT EXPIRATION 100 - NO SHIPPING SCHEDULE ESTABLISHED AS OF 177 - CANCELLATION 579 - PLANNED RELEASE 580 - ACTUAL RELEASE
DTM02	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	BT - BILL TO BY - BUYING PARTY ST - SHIP TO VN - VENDOR
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	

**'PO1'- PURCHASE ORDER DETAIL LINE**

**PURPOSE:** To specify basic line item data.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
PO101	ASSIGNED IDENTIFIICATION	M	AN	1/30	
PO102	QUANTITY ORDERED	M	R	1/15	
PO103	UNIT OF MEASUREMENT CODE	M	ID	2/2	
PO104	UNIT PRICE	M	R	1/17	
PO105	BASIS OF UNIT PRICE	M	ID	2/2	
PO106	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	VC – VENDORS CATALOG PART NUMBER UP – UPC NUMBER CB – CUSTOMERS PART NUMBER
PO107	PRODUCT/SERVICE ID	M	AN	1/48	
PO108	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	
PO109	PRODUCT/SERVICE ID	O	AN	1/48	
PO110	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	
PO111	PRODUCT/SERVICE ID	O	AN	1/48	
PO112	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	
PO113	PRODUCT/SERVICE ID	O	AN	1/48	

**'CTP' - PRICING INFORMATION**

**PURPOSE:** To specify pricing discrepancies to the buyer when the price in the item is incorrect.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
CTP03	UNIT PRICE	O	R	1/17	
CTP04	QUANTITY	O	R	1/15	
CTP05	COMPOSIT UNIT OF MEASURE	O	ID	3/3	

**'PID' - ITEM DESCRIPTION**

**PURPOSE:** To describe product in free form format.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
PID01	ITEM DESCRIPTION TYPE	M	ID	1/1	F - FREE FORM
PID05	DESCRIPTION	M	AN	1/80	

**'REF'- REFERENCE NUMBERS**

**PURPOSE:** To specify identifying numbers.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
REF01	REFERENCE ID QUALIFIER	O	ID	2/3	'VA'
REF02	REFERENCE IDENTIFICATION	O	AN	1/30	VENDOR NUMBER AT CUSTOMER LOCATIO

**'DTM' - DATE/TIME REFERENCE**

**PURPOSE:** To specify pertinent dates and times.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
DTM01	DATE/TIME QUALIFIER	M	ID	3/3	002 - DELIVERY REQUESTED 010 - REQUESTED SHIP DATE 037 - SHIP NOT BEFORE 068 - CURRENT SCHEDULE SHIP 093 - CONTRACT EXPIRATION 100 - NO SHIPPING SCHEDULE ESTABLISHED AS OF 177 - CANCELLATION 579 - PLANNED RELEASE 580 - ACTUAL RELEASE
DTM02	DATE	M	DT	8/8	

**'SCH'- LINE ITEM SCHEDULE**

**PURPOSE:** To specify the data for scheduling a specific line-item.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
SCH01	QUANTITY	O	R	1/15	
SCH02	UNIT OF MEASUREMENT CODE	O	ID	2/2	
SCH05	DATE/TIME QUALIFIER	O	ID	3/3	
SCH06	DATE	O	DT	8/8	

**'ACK' - LINE ITEM ACKNOWLEDGMENT**

**PURPOSE:** To acknowledge ordered quantities and specify the ready date for a specific line item.

Segment ID	DESCRIPTION	USAGE	TYPE	CHAR	VALUES
ACK01	LINE ITEM STATUS CODE	O	ID	2/2	"IA" – Item Accepted
ACK02	QUANTITY	O	R	1/15	
ACK03	UNIT OF MEASUREMENT CODE	O	ID	2/2	
ACK04	DATE/TIME QUALIFIER	O	ID	3/3	
ACK05	DATE	O	DT	8/8	
ACK07	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	VP – VENDORS PRODUCT NUMBER BP – BUYERS PRODUCT NUMBER
ACK08	PRODUCT/SERVICE ID	O	AN	1/45	
ACK09	PRODUCT/SERVICE ID QUALIFIER	O	ID	2/2	
ACK10	PRODUCT/SERVICE ID	O	AN	1/45	



**'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