



# 850 Purchase Order v.4 (4010) Hubbell to Supplier – Outbound Transaction

Functional Group ID=**PO**

### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

### Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	1		
020	BEG	Beginning Segment for Purchase Order	M	1		
060	PER	Administration Communications Contact	O	>1		
080	FOB	F.O.B. Related Instructions	M	>1		
LOOP ID – SAC					25	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
240	TD5	Carrier Details (Routing Sequence/Transit Time)	C	1		
LOOP ID – N9					200	
295	N9	Reference Identification	O	1		
300	MSG	Message Text	O	>1		
LOOP ID - N1					1	
310	N1	Name	M	1		
320	N2	Additional Name Information	O	2		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		

See next page for Header Detail and Summary



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**Detail:**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - PO1			999	
010	PO1	Baseline Item Data	M	1		
		LOOP ID - PID			1	
050	PID	Product/Item Description	M	1		
		LOOP ID - SAC			25	
140	IT8	Conditions of Sale	O	1		
170	TAX	Tax Reference	O	>1		
210	DTM	Date/Time Reference	O	>1		
289	MSG	Message Text	O	>1		
		LOOP ID - SCH			200	
295	SCH	Line Item Schedule	O	1		

**Summary:**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - CTT			1	
010	CTT	Transaction Totals	M	1		
030	SE	Transaction Set Trailer	M	1		



**HUBBELL INCORPORATED**

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 3/3</b>
ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>



**HUBBELL INCORPORATED**

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates  
**Notes:** **Note:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set	M ID 2/2
		00 Original	
		46 Cancellation with Refund	
BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order	M ID 2/2
		NE New Order	
		RT Return Order	
		BK Blanket Order	
BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the Hubbell	M AN 1/22
BEG04	328	<b>Release Number</b> Hubbell defaults to value '000'	O AN 1/30
BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8



**HUBBELL INCORPORATED**

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named. BD Buyer Name	<b>M ID 2/2</b>
PER02	93	<b>Name</b> Contact Name	<b>O AN 1/60</b>
PER03	365	<b>Communication number qualifier</b> Code identifying the type of communication number	<b>O ID 2/2</b>
PER04	364	<b>Communication number</b> Complete communications number	<b>O AN 1/80</b>
PER05	365	<b>Communication number qualifier</b> Code identifying the type of communication number	<b>O ID 2/2</b>
PER06	364	<b>Communication number</b> Complete communications number	<b>O AN 1/80</b>



**HUBBELL INCORPORATED**

**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment  
**Notes:** Note: This segment is mandatory for all orders.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
FOB01	146	Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC Collect	
		PC Prepaid but charged to customer	
		PP Prepaid (by Seller)	



**HUBBELL INCORPORATED**

**Segment:** **ITD** Terms of sale/deferred terms of sale  
**Position:** 130  
**Loop:** SAC  
**Level:** Header  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify terms of sale

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ITD01	336	<b>Terms type code</b> Code identifying type of payment terms 01 Basic	O ID 2/2
ITD02	333	<b>Terms Basis Date Code</b> Code Identifying the beginning of the terms period 3 Invoice Date	O ID 1/2
ITD12	352	<b>Description</b> Free-form description	O AN 1/80



**HUBBELL INCORPORATED**

**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 240  
**Loop:** SAC  
**Level:** Heading  
**Usage:** Conditional  
**Max Use:** 1  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
TD505	387	Routing (Name of Carrier)	C AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	





**HUBBELL INCORPORATED**

**Segment:** **N9** Reference Identification  
**Position:** 295  
**Loop:** N9  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N901	128	Reference Identification Qualifier	M ID 2/3
		ZZ Mutually Defined	



## HUBBELL INCORPORATED

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9  
**Level:** Header  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a free-form format that allows the transmission of text information.  
**Notes:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MSG01	933	Free form text message Free form message text	M AN 1/80



**HUBBELL INCORPORATED**

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual BT Bill-to Party	<b>M ID 2/2</b>
<b>N102</b>	<b>93</b>	<b>Name</b> Free-form name	<b>M AN 1/60</b>
<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	<b>M ID 1/2</b>
<b>N104</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code	<b>M AN 2/80</b>



**HUBBELL INCORPORATED**

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55
N302	166	Address Information Address information	O AN 1/55



# HUBBELL INCORPORATED

**Segment:** **N4 Geographic Location**  
**Position:** 340  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15



**HUBBELL INCORPORATED**

**Segment:** **N1** Name  
**Position:** 421  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Notes:** N104 must be a unique code that identifies a ship-to location. Multiple codes may not be used for the same ship-to location.

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual ST Ship To	<b>M ID 2/2</b>
N102	93	<b>Name</b> Free-form name	<b>M AN 1/60</b>
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	<b>M ID 1/2</b>
N104	67	<b>Identification Code</b> Code identifying a party or other code	<b>M AN 2/80</b>



**HUBBELL INCORPORATED**

**Segment:** N3 Address Information  
**Position:** 423  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55
N302	166	Address Information Address information	O AN 1/55



**HUBBELL INCORPORATED**

**Segment:** **N4 Geographic Location**  
**Position:** 424  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	<b>City Name</b> Free-form text for city name	O AN 2/30
N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15

**Segment:** **N1 Name**  
**Position:** 310  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual VN Vendor Number	M ID 2/2
N102	93	<b>Name</b> Free-form name	M AN 1/60
N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by buyer	M ID 1/2
N104	67	<b>Identification Code</b> Code identifying a party or other code	M AN 2/80





**HUBBELL INCORPORATED**

**Segment:** **PO1** **Baseline Item Data**  
**Position:** 010  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To specify basic and most frequently used line item data

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
PO101	<b>350</b>	<b>Assigned Identification</b> PO line number	<b>O AN 1/20</b>
PO102	<b>330</b>	<b>Quantity Ordered</b> Quantity ordered	<b>M R 1/15</b>
PO103	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA EA FT Feet	<b>M ID 2/2</b>
PO104	<b>212</b>	<b>Unit Price</b> <b>Price Per Unit</b>	<b>M R 1/17</b>
PO105	<b>639</b>	<b>Basis of unit price code</b> PE Price per each HP Price per hundred TP Price per thousand	<b>M ID 2/2</b>
PO108	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Hubbell Item Code	<b>M ID 2/2</b>
PO109	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service (SCC code in here)	<b>M AN 1/48</b>



**HUBBELL INCORPORATED**

**Segment:** **PID** Product/Item Description  
**Position:** 050  
**Loop:** PID Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To describe a product or process in coded or free-form format

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	M AN 1/80



**HUBBELL INCORPORATED**

**Segment:** **IT8** Conditions of sale  
**Position:** 140  
**Loop:** SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify general conditions or requirements and to detail conditions for substitution of alternate products.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IT801	563	Sales requirement code	X ID 1/2
		Code to identify a specific requirement or agreement of sale	
		Y Back order if out of stock	



**HUBBELL INCORPORATED**

**Segment:** **TAX** Tax Reference  
**Position:** 170  
**Loop:** SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction.

**Notes:**

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TAX01	325	<b>Tax Identification number</b> Number assigned by taxing jurisdiction	X AN 1/20
TAX12	441	<b>Tax Exempt Code</b> 1 Tax Exempt 2 Tax Not Exempt	O ID 1/1



**HUBBELL INCORPORATED**

**Segment:** **DTM** Date/Time Reference  
**Position:** 210  
**Loop:** SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>DTM01</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time. 002 Delivery Requested	<b>M DT 8/8</b>
<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as YYYYMMDD	<b>O ID 1/1</b>



**HUBBELL INCORPORATED**

**Segment:** **MSG** Message Text  
**Position:** 289  
**Loop:** SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide a free-form format that allows the transmission of text information.  
**Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free form text message Free form message text	M AN 1/80



**HUBBELL INCORPORATED**

**Segment:** **SCH** Line item schedule  
**Position:** 295  
**Loop:** SCH  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line item.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
SCH01	380	Quantity Scheduled quantity	M R 1/15
SCH02	355	Unit or Basis for Measurement Code EA EA FT Feet	M ID 2/2
SCH05	374	Date/Time qualifier Code specifying type of date or time, or both date and time. 002 Delivery Requested 100 No Shipping Schedule Established as of	M ID 3/3
SCH06	373	Date	M DT 8/8



**HUBBELL INCORPORATED**

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Mandatory  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTT01	354	Number of Line Items	M N0 1/6
		Total number of line items (P01 segments) in the transaction set	





**HUBBELL INCORPORATED**

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>