

# **KeHE Distributors**

# Purchase Order Acknowledgment EDI 855 Ver 5010

X12/V5010/855: 855 Purchase Order Acknowledgment

Company: KeHE Distributors

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Revised: 04/24/2019

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# 855 – Purchase Order Acknowledgment

### Functional Group=PR

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

#### Included Segments

TT 1	•	
	ING	•
Head	צוווו	÷
		•

Pos	<u>Id</u>	Segment Name	Req	Max Use	Repeat	<b>Notes</b>	<u>Usage</u>
0100	ISA	Interchange Control Header	M	1			Must use
0050	GS	Functional Group Header	M	1			Must use
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase	M	1			Must use
		Order Acknowledgment					
0500	REF	Reference Identification	O	>1			Optional
1500	DTM	Date/Time Reference	O	10			Must use
2800	N9	Name	O	1			Optional
2900	MTX	Name	O	>1			Optional
3000	N1	Name	O	200			Must use
3200	N3	Name	O	2			Must use
3300	N4	Name	O	1			Must use

#### **Detail:**

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP I	D - PO1				100000		
0100	PO1	Baseline Item Data	O	1			Must use
LOOP II	D - PID				1000		
0500	PID	Product/Item Description	O	1			Optional
LOOP I	D - ACK				104		
2700	ACK	Line Item Acknowledgment	O	1			Must use

#### **Summary:**

Pos	Iď	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP I	D - CTT				1		
0100	CTT	Transaction Totals	О	1		N3/010	Must use
0300	SE	Transaction Set Trailer	M	1			Must use
0850	GE	Functional Group Trailer	M	1			Must use
1000	ISA	Interchange Control Trailer	M	1			Must use

#### **Notes:**

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments.

# ISA - Interchange Control Header

Pos: 0100 Max: 1 Heading - Mandatory Loop: N/A Elements: 16

To indicate the start of a transaction set and to assign a control number

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max	Usage
ISA01	101	Authorization Information Qualifier  Description: Code to identify the type of information in the Authorization Information  Code Name  -  00 No Authorization Information Present (No Meaningful Information in 102)	M	ID	2/2	Mandatory
ISA02	102	Authorization Information  Description: Information Optional for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (101)	0	AN	10/10	
ISA03	103	Security Information Qualifier  Description: Code to identify the type of information in the Security Information  Code Name  ON No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Mandatory
ISA04	104	Security Information  Description: This is Optional for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	0	AN	10/10	
ISA05	105	Interchange ID Qualifier  Description: Qualifier to designate the system/method of code structure Optional to designate the sender or receiver ID element being qualified	M	ID	2/2	Mandatory
ISA06	106	Interchange Sender ID  Description: Identification code published by the sender for other parties to Optional as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Mandatory
ISA07	105	Interchange ID Qualifier  Description: Qualifier to designate the system/method of code structure Optional to designate the sender or receiver ID element being qualified  As stated in KeHE Trading Partner profile	M	ID	2/2	Mandatory

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max	Usage
ISA08	107	Interchange Receiver ID  Description: Identification code published by the receiver of the data; When sending, it is Optional by the sender as their sending ID, thus other parties sending to them will Optional this as a receiving ID to route data to them	M	AN	15/15	Mandatory
		As stated in KeHE Trading Partner profile				
ISA09	108	Interchange Date Description: Date of the interchange	M	DT	6/6	Mandatory
ISA10	109	Interchange Time Description: Time of the interchange	M	TM	4/4	Mandatory
ISA11	I10	Interchange Control Standards Identifier  Description: Code to identify the agency responsible for the control standard Optional by the message that is enclosed by the interchange header and trailer  All valid standard codes are Optional.	M	ID	1/1	Mandatory
ISA12	I11	Interchange Control Version Number  Description: This version number covers the interchange control segments  Code Name  O0501 Draft Standards for Trial Use Approved for Publicat Procedures Review Board through January 2012	M ion by A	ID ASC X12	5/5	Mandatory
ISA13	I12	Interchange Control Number  Description: A control number assigned by the interchange sender	M	N0	9/9	Mandatory
ISA14	I13	Acknowledgment Requested  Description: Code sent by the sender to request an interchange acknowledgment (TA1)  Code Name	M	ID	1/1	Mandatory
		0 No Acknowledgment Requested				
ISA15	I14	Usage Indicator  Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information <u>Code Name</u>	M	ID	1/1	Mandatory
		– P Production Data				
		T Test Data				
ISA16	I15	Component Element Separator  Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter Optional to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M	AN	1/1	Mandatory

# GS - Functional Group Header

Pos: 0050 Max: 1 Heading - Mandatory Loop: N/A Elements: 8

### **Element Summary:**

Ref	T.J	Element Name	Req	Type	Min/Max	Usage
GS01	<u>Id</u> 479	Functional Identifier Code  Description: Code identifying a group of application related transaction sets  Code Name	M	ID	2/2	Mandatory
		PR Purchase Order Acknowledgment (855)				
GS02	142	Application Sender's Code  Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Mandatory
GS03	124	Application Receiver's Code  Description: Code identifying party receiving transmission. Codes agreed to by trading partners	M	AN	2/15	Mandatory
		As stated in KeHE Trading Partner profile				
GS04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Mandatory
GS05	337	<b>Time Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Mandatory
GS06	28	Group Control Number  Description: Assigned number originated and maintained by the sender  Mapper Notes: Batch-Identifier	M	N0	1/9	Mandatory
GS07	455	Responsible Agency Code Description: Code Optional in conjunction with Data Element 480 to identify the issuer of the standard	M	ID	1/2	Mandatory
GS08	480	Version / Release / Industry Identifier Code  Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being Optional, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by Optionalr); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Mandatory

#### **Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST - Transaction Set Header

Pos: 0100 Max: 1 Heading - Mandatory Loop: N/A Elements: 2

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**Usage Option:** Must use

To indicate the start of a transaction set and to assign a control number

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
ST01	143	Transaction Set Identifier Code	M	ID	3/3
<u>C</u>	<u>ode</u>	<u>Name</u>			
85	55	Purchase Order Acknowledgment			
ST02	329	Transaction Set Control Number	M	AN	4/9

### BAK - Beginning Segment for Purchase Order Acknowledgment

Pos: 0200 Max: 1 Heading - Mandatory Loop: N/A Elements: 4

**Usage Option:** Must use

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
BAK01	353	Transaction Set Purpose Code	M	ID	2/2
<u>Co</u>	<u>de</u>	<u>Name</u>			
00		Original			
BAK02 Co	587 o <b>de</b>	Acknowledgment Type Name	M	ID	2/2
AC AE RE	)	Acknowledge - With Detail and Change Acknowledge - With Detail No Change Rejected with Detail			
BAK03	324	Purchase Order Number Usage Notes Original Purchase Order - BEG03 from the 850 PO	M	AN	1/22
BAK04	373	Date Usage Notes Purchase Order Date – BEG05 from the 850 PO.	M	DT	8/8

# REF - Reference Identification

Pos: 0500 Max:> 1 Heading - Optional Loop: N/A Elements: 2

**Usage Option:** Optional To Specify identifying information

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
REF01	128	Reference Identification Qualifier	M	ID	2/3
Co	<u>de</u>	<u>Name</u>			
IA		Internal Vendor Number			
REF02	127	Reference Identification	C	AN	1/50
		Reference Information as defined for a particular Transaction Set or as			
		specified by the Reference Identification Qualifier			

## DTM - Date/Time Reference

Pos: 1500 Max:10 Heading - Optional Loop: N/A Elements: 2

**Usage Option:** Optional To Specify pertinent date and times

Syntax Notes: 1 At least one of the DTM02 DTM03 or DTM05 is required

2 If DTM04 is present then DTM03 is required

3 If either DTM05 or DTM06 is present, then the other is required.

### **Element Summary:**

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
DTM01	374	Date/Time Qualifier	M	ID	3/3
		Code specifying type of date or time, or both date and time			
Co	<u>de</u>	<u>Name</u>			
Delivered I	Purcha	se orders – allowable codes			
067	7	Current Schedule Delivery			
Purchase	orders	held for pickup – allowable codes			
118	3	Requested Pick-up			
068	3	Current Schedule Ship			
DTM02	373	Date	C	DT	8/8
		Date Expressed as CCYYMMDD			

#### **Comments:**

1. If the Current Scheduled Ship Date is changing from the date on the 850 then a note in MTX02 is required.

### N9 - Extended Reference Information

Pos: 2800 Max:1 Heading - Optional Loop: N9 Elements: 2

Usage Option:

Used

To transmit identifying information as specified by the Reference Identification Qualifier

**Element Summary:** 

RefIdElement NameReqTypeMin/MaxN901128Reference Identification QualifierMID2/3

Description: Code qualifying the Reference Identification

CodeList Summary
L1 Letters Or Notes

N902 127 Reference Identification

X AN 1/50

**Description:** Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

Use: GEN

MTX -Text

Pos: 2900 Max: >1 Heading - Optional Loop: N9 Elements: 1

**User Option (Usage):** Must use **Purpose:** To specify textual data

### **Element Summary:**

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
MTX02	1551	Textual Data	X	AN	1/4096	Used

Description: To transmit large volumes of message text

#### **Comments:**

1. Used to indicate the reason for whole order regection and reason for changing the ship date. Example: If BAK02 = RD then this segment is mandatory

## N1 - Party Identification

Pos: 3000 Max:200 **Heading - Mandatory** Loop: N1 **Elements: 4** 

**Usage Option:** Mandatory

To identify a party by type of organization, name, and code Syntax Notes: 1 At least one of N102 or N103 is required

2 If either N103 or N104 is present, then the other is required.

### **Element Summary:**

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
N101	98	Entiry Identifier Code	M	ID	2/3
		Code identifying an organizational entity, a physical location, property or			
		an individual.			
_	<u>Code</u>	<u>Name</u>			
	T	Ship to Party - ****** Required to identify the designated KeHE Distr	ibution (	Center	
S	F	Ship From Location - required for Picked up Purchase orders			
N102	93	Name	С	AN	1/60
11102	)3	Free-Form Name	C	AIN	1/00
N103	66	Identification Code Qualifier	C	ID	1/2
C	Code	Name			
	9	D_U_N_S+4, D_U_N_S Number with four Character Suffix			
	92	Assigned by Buyer or Buyer's Agent			
N1104	67	The defendence of	C	ANT	2/00
N104	67	Identification Code	С	AN	2/80
		5 1 2 6 1 1 10 1 1 1 1			

Description: Code identifying a party or other code

Required with ST

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0569813430001 - Elkton, FL

0569813430012 - Aurora, CO

0569813430015 - Lehigh Valley, PA

0569813430016 - Bloomington, IN

0569813430018 - Romeoville, IL 0569813430022 - Dallas, TX

0569813430025 - Portland, OR

0569813430031 - Ft. Lauderdale, FL

0569813430033 - Stockton, CA 0569813430037

- Chino 'B', CA 0569813430041 - Chino, CA

0569813430042 - Flower Mound, TX

0569813430055 - Douglasville, GA

### N3 - Address Information

Pos: 3200 Max:2 Heading – Mandatory Loop: N1 Elements: 2

**Usage Option:** Mandatory

To specify the location of the named party

### **Element Summary:**

<u>Ref</u>	<u>Id</u>	Element Name Address Information Description: Address information – Required with SF	<u>Req</u>	<u>Type</u>	Min/Max
N301	166		M	AN	1/55
N302	166	Address Information	О	AN	1/55

## N4 - Geographic Location

Pos: 3300 Max:1 Heading – Mandatory Loop: N1 Elements: 3

**Usage Option:** Mandatory

To specify the location of the named party

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
N401	19	City Name Description: Free-form text for city name—Required with SF	O	AN	1/55
N402	156	<b>State or Province Code</b> Description: Code (Standard State/Province) as defined by appropriate go Required with SF	O vernmen	ID at agency -	2/2
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) – Required with SF	M	ID	3/15

# PO1 - Baseline Item Data

Pos: 0100 Max: 1 Detail - Mandatory Loop: PO1 Elements: 11

**Usage Option:** Must use

To specify basic and most frequently used line item data

Lieme	ու ծա	mmary.			
Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
PO101	350	Assigned Identification	O	AN	1/20
		Usage Notes			
		Sequential number to distinguish this line detail within the transaction set.			
		Set.			
PO102	380	Quantity Ordered	M	R	1/15
		Usage Notes			
		Original order quantity for the item.			
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2
10103	333	Code Name	141	110	2,2
		CA Case			
		EA Each			
		LB Pounds			
PO104	212	Unit Price	О	R	1/17
D040#	<b></b>				2 (2
PO105	639	Basis of unit price code	О	ID	2/2
PO106	235	Product/Service ID Qualifier	M	ID	2/2
		Code Name			
		UP U.P.C. Consumer Package Code (1-5-5-1)			
PO107	234	Product/Service ID	M	AN	1/48
		Usage Notes KeHE requires the item UPC as the item identification code. This is a			
		required field and should match the UPC on the purchase order			
PO108	235	Product/Service ID Qualifier  UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)	О	ID	2/2
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) VN Vendor's (Seller's) Item Number			
		IN Supplier's (Buyer's) Item Number			
DO100	234	Product/Service ID	0	AN	1/48
PO109	234	Description: Identifying number for a product or service	U	AIN	1/46
PO110	235	Product/Service ID Qualifier	O	ID	2/2
10110	233	1 roduct/3ct vice in Qualifici	U	ш	LI L
DO111	224	Dod West to ID	0	437	1/40
PO111	234	Product/Service ID	О	AN	1/48

# PID - Product/Item Description

Pos: 0500 Max: 1 Detail – Optional Loop: PID Elements: 2

**Usage Option:** Optional

To describe a product or process in coded free-form format

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
PID01	349	Item Description Type	M	ID	1/1
<u>Co</u>	<u>de</u>	<u>Name</u>			
F		Free-Form			
PID05	352	Description	C	AN	1/80
		A free-form description to clarify the related data elements and their content			

## ACK - Line Item Acknowledgment

Pos: 2700 Max: 1 Detail - Mandatory Loop: ACK Elements: 4

**Usage Option:** Must use

To acknowledge the ordered quantities and specify the ready date for a specific line item

Ref Id	Element Name	Req	<b>Type</b>	Min/Max
ACK01 668		M	ID	2/2
<u>Code</u>	Name Item Accepted (Shipping)			
IA IQ	Item Accepted - Quantity Changed			
IR	Item Rejected – (Not Shipped)			
ACK02 380	C	C	R	1/15
	Usage Notes The quantity to be shipped			
ACK03 355	Unit or Basis for Measurement Code	C	ID	2/2
	Usage Notes Required if ACK02 is present.			
Code	Name			
CA	Case			
EA	Each			
LB	Pounds			
ACK06 326	Request Reference Number	C	AN	1/45
	Usage Notes Reason for item rejection, when ACK01*IR is used: -Pricing Discrepancy -Minimum Quantity Not Met -Out of Stock -Incorrect Vendor UPC/SKU -Item Discontinued -Mixed Temperature Items -Change in Pick-up Location -Multiple Reasons Apply			

# CTT - Transaction Totals

Pos: 010 Max: 1 Summary - Optional Loop: CTT Elements: 1

**Usage Option:** Must use

To transmit a hash total for a specific element in the transaction set

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
CTT01	354	Number of Line Items	M	N0	1/6

## SE - Transaction Set Trailer

Pos: 030 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

**Usage Option:** Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

<u>Ref</u>	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9

# GS - Functional Group Trailer

Pos: 085 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

### **Element Summary:**

Ref	Id	Element Name	Req	<b>Type</b>	Min/Max	Usage
GE01	97	Number of Transaction Sets Included  Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Mandat ory
		Mapper Notes: Control-Count				
GE02	28	Group Control Number  Description: Assigned number originated and maintained by the sender	M	N0	1/9	Mandat ory

#### **Comments:**

1. The Optional of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that Optional in the corresponding header.

# IEA - Interchange Control Trailer

Pos: 100 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

Ref	<u>Id</u>	Element Name	Req	<b>Type</b>	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups  Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Mandat ory
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Mandat ory