KeHE Distributors

Purchase Order Acknowledgment
EDI 855
Ver 5010

X12/V5010/855 : 855 Purchase Order Acknowledgment

Company: KeHE Distributors
Revised: 5/1/2020

855 – Purchase Order Acknowledgment……..……...……3

ISA - Interchange Control Header 4
GS - Functional Group Header....6
ST - Transaction Set Header....7
BAK - Beginning Segment for Purchase Order Acknowledgment 8
REF - Reference Identification 9
DTM - Date/Time Reference 10
TD1 - Carrier Details (Quantity and Weight)....11
N9 – Extended Reference Information 12
MTX – Text....13
N1 - Party Identification 14
N3 - Address Information....15
N4 - Geographic Location....16
PO1 - Baseline Item Data....17
PID - Product/Item Description 18
ACK - Line Item Acknowledgment....19
CTT - Transaction Totals....20
SE - Transaction Set Trailer 21
GS - Functional Group Trailer 22
IEA - Interchange Control Trailer....23

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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 Order Acknowledgment	M	1			Must use
0500	REF	Reference Identification	O	>1			Optional
1500	DTM	Date/Time Reference	O	10			Must use
2800	N9	Extended Reference Information	O	1			Optional
2900	MTX	Text	O	>1			Optional
3000	N1	Name	O	200			Must use
3200	N3	Address Information	O	2			Must use
3300	N4	Geographic Location	O	1			Must use

Detail:

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

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**		
0100	CTT	Transaction Totals	O	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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	**I01**	**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 I02)	**M**	**ID**	**2/2**	**Mandatory**
ISA02	**I02**	**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 (I01)	**O**	**AN**	**10/10**	
ISA03	**I03**	**Security Information Qualifier** **Description:** Code to identify the type of information in the Security Information **Code Name** 00 No Security Information Present (No Meaningful Information in I04)	**M**	**ID**	**2/2**	**Mandatory**
ISA04	**I04**	**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)	**O**	**AN**	**10/10**	
ISA05	**I05**	**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	**I06**	**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	**I05**	**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	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	**I07**	**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 *As stated in KeHE Trading Partner profile*	**M**	**AN**	**15/15**	**Mandatory**
ISA09	**I08**	**Interchange Date** **Description:** Date of the interchange	**M**	**DT**	**6/6**	**Mandatory**
ISA10	**I09**	**Interchange Time** **Description:** Time of the interchange	**M**	**TM**	**4/4**	**Mandatory**
ISA11	**I65**	**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. **Code Name** | Repetition Separator	**M**	**ID**	**1/1**	**Mandatory**
ISA12	**I11**	**Interchange Control Version Number** **Description:** This version number covers the interchange control segments **Code Name** 00501 Standard Issued as ANSI X12.5-2004	**M**	**ID**	**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** 0 No Acknowledgment Requested	**M**	**ID**	**1/1**	**Mandatory**
ISA15	**I14**	**Usage Indicator** **Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information **Code Name** P Production Data T Test Data	**M**	**ID**	**1/1**	**Mandatory**
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	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets Code Name PR Purchase Order Acknowledgment (855)	M	ID	2/2	Mandatory
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 *As stated in KeHE Trading Partner profile*	M	AN	2/15	Mandatory
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Mandatory
GS05	337	**Time** **Description:** 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

Usage Option: Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3
	Code	**Name**			
	855	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: 5**

Usage Option: Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2
		Code **Name**			
		00 Original			
BAK02	587	**Acknowledgment Type**	M	ID	2/2
		Code **Name**			
		AC Acknowledge - With Detail and Change			
		AD Acknowledge - With Detail No Change			
		RD 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
BAK10	640	**Transaction Type Code** **Usage Notes** For FOB Purchase Orders (those KeHE manages transportation for pickup), suppliers must send a final 855 notice with the SH BAK10 indicator within 3-4 days **prior to scheduled pickup**.	O	ID	2/2
		Code **Name**			
		SH (Shipment Status Notification)			

Example Data: BAK*00*AC*Penta-03*20190422******SH

REF - Reference Identification

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

Usage Option: Optional

To Specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
REF01	128	**Reference Identification Qualifier**	M	ID	2/3
	Code	**Name**			
	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	Id	Element Name	Req	Type	Min/Max
DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time	M	ID	3/3
	Code	**Name**			
Delivered Purchase orders – allowable codes					
	067	Current Schedule Delivery			
Purchase orders held for pickup – allowable codes					
	118	Requested Pick-up (REQUIRED WITH FINAL 855 with BAK10=SH for FOB purchase orders)			
	068	Current Schedule Ship			
DTM02	373	**Date** Date Expressed as CCYYMMDD	C	DT	8/8

Comments:

1. If the Current Scheduled Ship Date is changing from the date on the 850 then a note in MTX02 is required
2. For those PO's KeHE schedules pickup, the DTM01= 118 is required on a final 855 with BAK10=SH

TD1 - Carrier Details (Quantity and Weight)

Pos: 2300 **Max:2**
Heading – O
Loop: N/A **Elements: 7**

Usage Option: MUST Use with FOB Purchase Orders (FOB) on FINAL 855 with BAK10=SH

To specify the transaction details relative to commodity, weight, and quantity.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TD101	103	**Packaging Code** Description: Code identifying the type of packaging; Part 1Packaging Form, Part2 Packaging Material; if the data element is used, then Part1 is always required. **Code** **Name** PLT Pallet CAS Case	O	AN	3/5
TD102	80	**Lading quantity** Description: Number of units (pieces) of the lading commodity	X	N0	1/7
TD106	187	**Weight Qualifier** Description: Code defining the type of weight **Code** **Name** G Gross Weight	O	ID	1/2
TD107	81	**Weight** Description: Numeric value of weight	X	R	1/10
TD108	355	**Unit or Basis of Measurement Code** Description: Code specifying units in which a value is being expressed, or manner in which a measurement has been taken. **Code** **Name** LB Pound	X	ID	2/2
TD109	183	**Volume** Description: Value of volumetric measure	X	R	1/8
TD110	355	**Unit or Basis of Measurement Code** Description: Code specifying units in which a value is being expressed, or manner in which a measurement has been taken. **Code** **Name** CF Cubic Feet	X	ID	2/2

Comments:

1. For those PO's KeHE schedules pickup, this segment and above elements are required 3-4 days prior to scheduled pickup date on the final 855 with BAK10=SH

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:

Ref	Id	Element Name	Req	Type	Min/Max
N901	128	**Reference Identification Qualifier** Description: Code Qualifying the Reference Identification **Code List Summary** L1 Letters or Notes	M	ID	2/3
N902	127	**Reference Identification** Description: Reference Information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Use: GEN	X	AN	1/50

MTX – Text

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

Usage Option: Must Use
Purpose: To Specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
MTX02	1551	**Textual Data**	X	AN	1/4096
		Description: To transmit large volumes of message text			

Comments:

1. Used to indicate the reason for whole order rejection 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:

Ref	Id	Element Name	Req	Type	Min/Max
N101	98	**Entiry Identifier Code** Code identifying an organizational entity, a physical location, property or an individual.	M	ID	2/3
	Code	**Name**			
	ST	**Ship to Party - ****** Required to identify the designated KeHE Distribution Center**			
	SF	Ship From Location - **required for Picked up Purchase orders**			
N102	93	**Name** Free-Form Name	C	AN	1/60
N103	66	**Identification Code Qualifier**	C	ID	1/2
	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			
N104	67	**Identification Code**	C	AN	2/80

Description: Code identifying a party or other code
Required with ST
KEHE DC Duns + 4
0569813430001 - Elkton, FL
0569813430012 - Aurora, CO
0569813430015 - Lehigh Valley, PA
0569813430016 - Bloomington, IN
0569813430018 - Romeoville, IL
0569813430022 - Dallas, TX
0569813430025 - Portland, OR
0569813430027 – North East, MD *** 08-2019 ***
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:

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

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N4 - Geographic Location

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

Usage Option: Mandatory

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N401	19	**City Name** Description: Free-form text for city name– Required with SF	O	AN	1/55
N402	156	**State or Province Code** Description: Code (Standard State/Province) as defined by appropriate government agency – Required with SF	O	ID	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	O	ID	3/15

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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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PO101	350	**Assigned Identification** **Usage Notes** Sequential number to distinguish this line detail within the transaction set.	O	AN	1/20
PO102	380	**Quantity Ordered** **Usage Notes** Original order quantity for the item.	M	R	1/15
PO103	355	**Unit or Basis for Measurement Code** **Code** **Name** CA Case EA Each LB Pounds	M	ID	2/2
PO104	212	**Unit Price**	O	R	1/17
PO105	639	**Basis of unit price code**	O	ID	2/2
PO106	235	**Product/Service ID Qualifier** **Code** **Name** UP U.P.C. Consumer Package Code (1-5-5-1)	M	ID	2/2
PO107	234	**Product/Service ID** **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	M	AN	1/48
PO108	235	**Product/Service ID Qualifier** 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	O	ID	2/2
PO109	234	**Product/Service ID** Description: Identifying number for a product or service	O	AN	1/48
PO110	235	**Product/Service ID Qualifier**	O	ID	2/2
PO111	234	**Product/Service ID**	O	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

Element Summary:

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

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ACK01	668	**Line Item Status Code**	M	ID	2/2
	Code	**Name**			
	IA	Item Accepted (Shipping)			
	IQ	Item Accepted - Quantity Changed			
	IR	Item Rejected – (Not Shipped)			
ACK02	380	**Quantity**	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

Element Summary:

Ref	Id	Element Name	Req	Type	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)

Element Summary:

Ref	Id	Element Name	Req	Type	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	Type	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 **Mapper Notes:** *Control-Count*	**M**	**N0**	**1/6**	**Mandatory**
GE02	**28**	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	**M**	**N0**	**1/9**	**Mandatory**

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

Element Summary:

Ref	Id	Element Name	Req	Type	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**	**Mandatory**
IEA02	**I12**	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	**M**	**N0**	**9/9**	**Mandatory**