



KeHE Distributors

Purchase Order Acknowledgment EDI 855 Version 5010

X12/V5010/855 : 855 Purchase Order Acknowledgment

Company:	KeHE Distributors
Revised:	06/16/2020

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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

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
2300	TD1	Carrier Details (Quantity and Weight)	O	2			Optional
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

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

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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier Description: Code to identify the type of information in the Authorization Information <u>Code</u> <u>Name</u> 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 <u>Code</u> <u>Name</u> 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	M	ID	2/2	Mandatory

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				
		As stated in KeHE Trading Partner profile				

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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 <i>As stated in KeHE Trading Partner profile</i>	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. <u>Code</u> <u>Name</u> Repetition Separator	M	ID	1/1	Mandatory
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments <u>Code</u> <u>Name</u> 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) <u>Code</u> <u>Name</u> 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 <u>Code</u> <u>Name</u> 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

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GS - Functional Group Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets <u>Code Name</u> 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 <i>As stated in KeHE Trading Partner profile</i>	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: <i>Batch-Identifier</i>	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.

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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:

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

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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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2
	<u>Code</u>	<u>Name</u>			
	00	Original			
	DS	Drop Ship			
BAK02	587	Acknowledgment Type	M	ID	2/2
	<u>Code</u>	<u>Name</u>			
	AC	Acknowledge - With Detail and Change			
	AD	Acknowledge - With Detail No Change			
	RD	Rejected with Detail			
BAK03	324	Purchase Order Number	M	AN	1/22
	<u>Usage Notes</u>				
		Original Purchase Order - BEG03 from the 850 PO			
BAK04	373	Date	M	DT	8/8
	<u>Usage Notes</u>				
		Purchase Order Date – BEG05 from the 850 PO.			
BAK10	640	Transaction Type Code	O	ID	2/2
	<u>Usage Notes</u>				
		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 .			
	<u>Code</u>	<u>Name</u>			
	SH	(Shipment Status Notification)			
	Example Data: BAK*00*AC*1234567*20200522*****SH				

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REF - Reference Identification

Pos: 0500	Max:> 1
Heading - Optional	
Loop: N/A	Elements: 3

Usage Option: Optional

To Specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
	<u>Code</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			

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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M	ID	3/3
	<u>Code</u>	<u>Name</u>			
	<i>Delivered Purchase orders – allowable codes</i>				
	067	Current Schedule Delivery			
	<i>Purchase orders held for pickup – allowable codes</i>				
	118	Requested Pick-up			
	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

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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
TD101	103	Packaging Code Description: Code identifying the type of packaging; Part 1:Packaging Form, Part 2:Packaging Material; if the data element is used, then Part 1 is always required. Part 1 PLT Pallet CAS Case Part 2 Not Used	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

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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N901	128	Reference Identification Qualifier	M	ID	2/3

Description: Code Qualifying the Reference Identification

Code List Summary

L1 Letters or Notes

N902	127	Reference Identification	X	AN	1/50
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Description: Reference Information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Use: GEN

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MTX - Text

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

Usage Option: Must Use

Purpose: To Specify textual data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
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.**

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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>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
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 KeHE Distribution Center or Dropship location			
		SF Ship From Location - Required for Picked up Purchase orders			
		BY Buying Party (Purchaser) Required when BAK01 = DS matching the BEG02 =DS			
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 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 0569813430118 - Glendale Heights, IL 0569813430022 - Dallas, TX 0569813430025 - Portland, OR 0569813430027 - North East, MD 0569813430031 - Ft. Lauderdale, FL 0569813430033 - Stockton, CA 0569813430037 - Chino 'B', CA 0569813430041 - Chino, CA 0569813430042 - Flower Mound, TX 0569813430055 - Douglasville, GA	C	AN	2/80

Note: When 850 BEG02=DS and N101=ST the N103 and N104 Required NOT to be sent

When 850 BEG02=DS and N101=BY the N103 and N104 is REQUIRED indicating the buying DC

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N3 - Address Information

Pos: 3200Max:2
Heading – Mandatory
Loop: N1Elements: 1

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
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 <table><tr><td>Code</td><td>Name</td></tr><tr><td>CA</td><td>Case</td></tr><tr><td>EA</td><td>Each</td></tr><tr><td>LB</td><td>Pounds</td></tr></table>	Code	Name	CA	Case	EA	Each	LB	Pounds	M	ID	2/2
Code	Name												
CA	Case												
EA	Each												
LB	Pounds												
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 <table><tr><td>Code</td><td>Name</td></tr><tr><td>UP</td><td>U.P.C. Consumer Package Code (1-5-5-1)</td></tr></table>	Code	Name	UP	U.P.C. Consumer Package Code (1-5-5-1)	M	ID	2/2				
Code	Name												
UP	U.P.C. Consumer Package Code (1-5-5-1)												
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 <table><tr><td>UK</td><td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td></tr><tr><td>VN</td><td>Vendor's (Seller's) Item Number</td></tr><tr><td>IN</td><td>Supplier's (Buyer's) Item Number</td></tr></table>	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		
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												
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								

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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type	M	ID	1/1
	<u>Code</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			

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ACK - Line Item Acknowledgment

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: ACK	Elements: 3

Usage Option: Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ACK01	668	Line Item Status Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		IA Item Accepted (Shipping)			
		IQ Item Accepted - Quantity Changed			
		IR Item Rejected – (Not Shipped)			
ACK02	380	Quantity	C	R	1/15
		<u>Usage Notes</u>			
		The quantity to be shipped			
ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2
		<u>Usage Notes</u>			
		Required if ACK02 is present.			
		<u>Code</u> <u>Name</u>			
		CA Case			
		EA Each			
		LB Pounds			
ACK06	326	Request Reference Number	C	AN	1/45
		<u>Usage Notes</u>			
		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			

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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:

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

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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:

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

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GS - Functional Group Trailer

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: <i>Control-Count</i>	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.

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IEA - Interchange Control Trailer

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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

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