1205 Kimball Blvd
Jasper, IN 47546
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Purchase Order Acknowledgment

EDI Transaction 855
Specifications X12
Standard 004010
Inbound to Kimball

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Version 00
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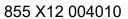| Name	Level	Max Occ.	Content
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2   Header Segments

2.1   ISA (Interchange Control Header)

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard		Impl		Comment
I01	Authorization Information Qualifier	M	ID2/2	M	ID2/2	Description: Code to identify the type of information in the Authorization Information Standard codelist for I01 is supported.
I02	Authorization Information	O	AN10/10	O	AN10/10	Description: Information used 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)
I03	Security Information Qualifier	M	ID2/2	M	ID2/2	Description: Code to identify the type of information in the Security Information Standard codelist for I03 is supported.
I04	Security Information	O	AN10/10	O	AN10/10	Description: This is used 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)
I05	Interchange ID Qualifier	M	ID2/2	M	ID2/2	Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Description** ZZ **Mutually Defined**
I06	Interchange Sender ID	M	AN15/15	M	AN15/15	Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element
I05	Interchange ID Qualifier	M	ID2/2	M	ID2/2	Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Description** ZZ **Mutually Defined**

Label	Name	Standard		Impl		Comment
I07	Interchange Receiver ID	M	AN15/15	M	AN15/15	Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them
I08	Interchange Date	M	DT6/6	M	DT6/6	Description: Date of the interchange
I09	Interchange Time	M	TM4/4	M	TM4/4	Description: Time of the interchange
I10	Interchange Control Standards Identifier	M	ID1/1	M	ID1/1	Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **Code** **Description** U
I11	Interchange Control Version Number	M	ID5/5	M	ID5/5	Description: Code specifying the version number of the interchange control segments **Code** **Description** 00401
I12	Interchange Control Number	M	N9/9	M	N9/9	Description: A control number assigned by the interchange sender
I13	Acknowledgment Requested	M	ID1/1	M	ID1/1	Description: Code sent by the sender to request an interchange acknowledgment (TA1) Standard codelist for I13 is supported.
I14	Usage Indicator	M	ID1/1	M	ID1/1	Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information Standard codelist for I14 is supported.
I15	Component Element Separator	M	AN1/1	M	AN1/1	Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

2.2 GS (Functional Group Header)

Purpose: To indicate the beginning of a functional group and to provide control information
Semantics: GS04 is the group date.
 GS05 is the group time.
 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02. Comments: 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.

This segment is mandatory here.
Max. occurrences is "unbound".

Label	Name	Standard		Impl		Comment
479	Functional Identifier Code	M	ID2/2	M	ID2/2	Description: Code identifying a group of application related transaction sets **Code** **Description** PR **Purchase Order Acknowledgment**
142	Application Sender's Code	M	AN2/15	M	AN2/15	Description: Code identifying party sending transmission; codes agreed to by trading partners
124	Application Receiver's Code	M	AN2/15	M	AN2/15	Description: Code identifying party receiving transmission; codes agreed to by trading partners
373	Date	M	DT8/8	M	DT8/8	Description: Date expressed as CCYYMMDD
337	Time	M	TM4/8	M	TM4/8	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)
28	Group Control Number	M	N0/9	M	N0/9	Description: Assigned number originated and maintained by the sender
455	Responsible Agency Code	M	ID1/2	M	ID1/2	Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Description** X **Accredited Standards Committee X12**
480	Version / Release / Industry Identifier Code	M	AN1/12	M	AN1/12	Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; **Code** **Description** 004010

2.3   ST (Transaction Set Header)

Purpose: To indicate the start of a transaction set and to assign a control number
Semantics: The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

This segment is mandatory here.
Max. occurrences is "unbound".

Label	Name	Standard		Impl		Comment
143	Transaction Set Identifier Code	M ID3/3		M ID3/3		Description: Code uniquely identifying a Transaction Set **Code Description** 855 **Purchase Order Acknowledgment**
329	Transaction Set Control Number	M AN4/9		M AN4/9		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

3   Message Segments

3.1   BAK_AD_AC_RD (Beginning Segment for Purchase Order Acknowledgment)

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates Semantics: BAK04 is the date assigned by the purchaser to purchase order.
 BAK08 is the seller's order number.
 BAK09 is the date assigned by the sender to the acknowledgment.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard		Impl		Comment
353	Transaction Set Purpose Code	M	ID2/2	M	ID2/2	Description: Code identifying purpose of transaction set **Code**　　　**Description** 00　　　Original
587	Acknowledgment Type	M	ID2/2	M	ID2/2	Description: Code specifying the type of acknowledgment **Code**　　　**Description** AD　　　Acknowledge - With Detail, No Change AC　　　Acknowledge - With Detail and Change RD　　　Reject with Detail
324	Purchase Order Number	M	AN1/22	M	AN1/22	Description: Identifying number for Purchase Order assigned by the orderer/purchaser
373	Date	M	DT8/8	M	DT8/8	Description: Date expressed as CCYYMMDD
328	Release Number	O	AN1/30	O	AN1/30	Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

3.2 CUR_BY (Currency)

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Comments: See Figures Appendix for examples detailing the use of the CUR segment.
 ' Syntax Rules: C0807 : If CUR08 is present, then CUR07 is required. C0907 : If CUR09 is present, then CUR07 is required. L101112 : If CUR10 is present, then at least one of CUR11 or CUR12 is required. C1110 : If CUR11 is present, then CUR10 is required. C1210 : If CUR12 is present, then CUR10 is required. L131415 : If CUR13 is present, then at least one of CUR14 or CUR15 is required. C1413 : If CUR14 is present, then CUR13 is required. C1513 : If CUR15 is present, then CUR13 is required. L161718 : If CUR16 is present, then at least one of CUR17 or CUR18 is required. C1716 : If CUR17 is present, then CUR16 is required. C1816 : If CUR18 is present, then CUR16 is required. L192021 : If CUR19 is present, then at least one of CUR20 or CUR21 is required. C2019 : If CUR20 is present, then CUR19 is required. C2119 : If CUR21 is present, then CUR19 is required.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
98	Entity Identifier Code	M ID2/3	M ID2/3	Description: Code identifying an organizational entity, a physical location, property or an individual **Code** **Description** BY Buying Party (Purchaser)
100	Currency Code	M ID3/3	M ID3/3	Description: Code (Standard ISO) for country in whose currency the charges are specified

3.3   PER_BD_RE (Administrative Communications Contact)

Purpose: To identify a person or office to whom administrative communications should be directed' Syntax Rules: P0304 : If either PER03 or PER04 is present, then the other is required. P0506 : If either PER05 or PER06 is present, then the other is required. P0708 : If either PER07 or PER08 is present, then the other is required.

This segment is optional here.
Max. occurrences is 3.

Label	Name	Standard		Impl		Comment
366	Contact Function Code	M	ID2/2	M	ID2/2	Description: Code identifying the major duty or responsibility of the person or group named **Code** **Description** SA Sales Administration RE Receiving Contact BD Buyer Name or Department
93	Name	O	AN1/60	M	AN1/60	Description: Free-form name
365	Communication Number Qualifier	O	ID2/2	M	ID2/2	Description: Code identifying the type of communication number **Code** **Description** TE Telephone
364	Communication Number	O	AN1/80	M	AN1/80	Description: Complete communications number including country or area code when applicable
365	Communication Number Qualifier	O	ID2/2	O	ID2/2	Description: Code identifying the type of communication number Standard codelist for _365 is supported.
364	Communication Number	O	AN1/80	O	AN1/80	Description: Complete communications number including country or area code when applicable
443	Contact Inquiry Reference	O	AN1/20	O	AN1/20	Description: Additional reference number or description to clarify a contact number

3.4 N1_BY (Name)

N N1	Level a 5	Max Occ. m 1	Content e N a	m

Purpose: To identify a party by type of organization, name, and code

This segment group is mandatory here.
Max. occurrences is 200.

3.4.1 N1 (Name)

Purpose: To identify a party by type of organization, name, and code Comments: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 N105 and N106 further define the type of entity in N101.
 ' Syntax Rules: R0203 : At least one of N102 or N103 is required. P0304 : If either N103 or N104 is present, then the other is required.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
98	Entity Identifier Code	M ID2/3	M ID2/3	Description: Code identifying an organizational entity, a physical location, property or an individual **Code** **Description** BY Buying Party (Purchaser)
93	Name	O AN1/60	O AN1/60	Description: Free-form name
66	Identification Code Qualifier	O ID1/2	M ID1/2	Description: Code designating the system/method of code structure used for Identification Code (67) **Code** **Description** 92 Assigned by Buyer or Buyer's Agent
67	Identification Code	O AN2/80	M AN2/80	Description: Code identifying a party or other code

3.5   N1_ST (Name)

N	a	Lm	e	e v	M	e	a l	C x	o	O n	ct	Œ	.n
N	1	5		1				N	a	m		e	
N	2	6		2				A	d	d	i t	i o	n
N	3	6		2				A	d	d	r	e	s s
N	4	6		1				G	e	o	g	r	a

Purpose: To identify a party by type of organization, name, and code

This segment group is mandatory here.
Max. occurrences is 200.

3.5.1.1.1   N1 (Name)

Purpose: To identify a party by type of organization, name, and code Comments: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 N105 and N106 further define the type of entity in N101.
 ' Syntax Rules: R0203 : At least one of N102 or N103 is required. P0304 : If either N103 or N104 is present, then the other is required.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
98	Entity Identifier Code	M ID2/3	M ID2/3	Description: Code identifying an organizational entity, a physical location, property or an individual **Code Description** ST Ship To
93	Name	O AN1/60	O AN1/60	Description: Free-form name
66	Identification Code Qualifier	O ID1/2	O ID1/2	Description: Code designating the system/method of code structure used for Identification Code (67) Standard codelist for _66 is supported.
67	Identification Code	O AN2/80	O AN2/80	Description: Code identifying a party or other code
706	Entity Relationship Code	O ID2/2	O ID2/2	Description: Code describing entity relationship Standard codelist for _706 is supported.
98	Entity Identifier Code	O ID2/3	O ID2/3	Description: Code identifying an organizational entity, a physical location, property or an individual Standard codelist for _98 is supported.

Label	Name	Standard		Impl		Comment
N2	Additional Name Information	O		O		Purpose: To specify additional names or those longer than 35 characters in length Max. occurrences is 2.
N3	Address Information	O		O		Purpose: To specify the location of the named party Max. occurrences is 2.
N4	Geographic Location	O		O		Purpose: To specify the geographic place of the named party Comments: A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. N402 is required only if city name (N401) is in the U.S. or Canada. ' Syntax Rules: C0605 : If N406 is present, then N405 is required. Max. occurrences is 1.

3.5.1.2   N2 (Additional Name Information)

Purpose: To specify additional names or those longer than 35 characters in length

This segment is optional here.
Max. occurrences is 2.

Label	Name	Standard		Impl		Comment
93	Name	M AN1/60		M AN1/60		Description: Free-form name

3.5.1.3   N3 (Address Information)

Purpose: To specify the location of the named party

This segment is optional here.
Max. occurrences is 2.

Label	Name	Standard		Impl		Comment
166	Address Information	M AN1/55		M AN1/55		Description: Address information

3.5.1.4 N4 (Geographic Location)

Purpose: To specify the geographic place of the named party Comments: A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 N402 is required only if city name (N401) is in the U.S. or Canada.
 ' Syntax Rules: C0605 : If N406 is present, then N405 is required.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard		Impl		Comment
19	City Name	O	AN2/30	O	AN2/30	Description: Free-form text for city name
156	State or Province Code	O	ID2/2	O	ID2/2	Description: Code (Standard State/Province) as defined by appropriate government agency
116	Postal Code	O	ID3/15	O	ID3/15	Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
26	Country Code	O	ID2/3	O	ID2/3	Description: Code identifying the country

3.6 N1_SF (Name)

N	Level	a	Max Occ.	m	Content		e		m
N1	5		1		N		a		m

Purpose: To identify a party by type of organization, name, and code

This segment group is optional here.
Max. occurrences is 200.

3.6.1 N1 (Name)

Purpose: To identify a party by type of organization, name, and code Comments: This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 N105 and N106 further define the type of entity in N101.
 ' Syntax Rules: R0203 : At least one of N102 or N103 is required. P0304 : If either N103 or N104 is present, then the other is required.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
98	Entity Identifier Code	M ID2/3	M ID2/3	Description: Code identifying an organizational entity, a physical location, property or an individual **Code** **Description** SF Ship From
93	Name	O AN1/60	O AN1/60	Description: Free-form name
66	Identification Code Qualifier	O ID1/2	M ID1/2	Description: Code designating the system/method of code structure used for Identification Code (67) **Code** **Description** 92 Assigned by Buyer or Buyer's Agent
67	Identification Code	O AN2/80	M AN2/80	Description: Code identifying a party or other code

3.7   PO1_BP (Baseline Item Data)

N	a	L	m	e	M	v	e	e a C	l	x	o	n O	t	c e
P	O	5	1		1			B	a	s		e	l	i
ACK		6			1	0		L 4	i	n		e		I
ACK		7			1			L	i	n		e		I

Purpose: To specify basic and most frequently used line item data Notes: PO102 is required.

This segment group is mandatory here.
Max. occurrences is 100,000.

3.7.1 PO1 (Baseline Item Data)

Purpose: To specify basic and most frequently used line item data Notes: PO102 is required. Comments: See the Data Element Dictionary for a complete list of IDs.
 PO101 is the line item identification.
 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
 ' Syntax Rules: C0302 : If PO103 is present, then PO102 is required. C0504 : If PO105 is present, then PO104 is required. P0607 : If either PO106 or PO107 is present, then the other is required. P0809 : If either PO108 or PO109 is present, then the other is required. P1011 : If either PO110 or PO111 is present, then the other is required. P1213 : If either PO112 or PO113 is present, then the other is required. P1415 : If either PO114 or PO115 is present, then the other is required. P1617 : If either PO116 or PO117 is present, then the other is required. P1819 : If either PO118 or PO119 is present, then the other is required. P2021 : If either PO120 or PO121 is present, then the other is required. P2223 : If either PO122 or PO123 is present, then the other is required. P2425 : If either PO124 or PO125 is present, then the other is required.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
350	Assigned Identification	O AN1/20	M AN1/20	Description: Alphanumeric characters assigned for differentiation within a transaction set
330	Quantity Ordered	O R1/15	M R1/15	Description: Quantity ordered
355	Unit or Basis for Measurement Code	O ID2/2	M ID2/2	Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Standard codelist for _355 is supported.
212	Unit Price	O R1/17	M R1/17	Description: Price per unit of product, service, commodity, etc.
639	Basis of Unit Price Code	O ID2/2	M ID2/2	Description: Code identifying the type of unit price for an item **Code** **Description** PE Price per Each

Label	Name	Standard		Impl		Comment
235	Product/Service ID Qualifier	O	ID2/2	M	ID2/2	Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Description** BP Buyer's Part Number
234	Product/Service ID	O	AN1/48	M	AN1/48	Description: Identifying number for a product or service
235	Product/Service ID Qualifier	O	ID2/2	O	ID2/2	Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Standard codelist for _235 is supported.
234	Product/Service ID	O	AN1/48	O	AN1/48	Description: Identifying number for a product or service
ACK	Line Item Acknowledgment	O		M		Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item Max. occurrences is 104.

3.7.1.1   ACK (Line Item Acknowledgment)

N	Level	a	Max Occ.	m	Content	e
ACK	7		1		Line Item Acknowledgment	

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
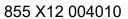
This segment group is mandatory here.
Max. occurrences is 104.

3.7.1.1.1   ACK (Line Item Acknowledgment)

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item Semantics: ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
' Syntax Rules: P0203 : If either ACK02 or ACK03 is present, then the other is required. C0405 : If ACK04 is present, then ACK05 is required. P0708 : If either ACK07 or ACK08 is present, then the other is required. P0910 : If either ACK09 or ACK10 is present, then the other is required. P1112 : If either ACK11 or ACK12 is present, then the other is required. P1314 : If either ACK13 or ACK14 is present, then the other is required. P1516 : If either ACK15 or ACK16 is present, then the other is required. P1718 : If either ACK17 or ACK18 is present, then the other is required. P1920 : If either ACK19 or ACK20 is present, then the other is required. P2122 : If either ACK21 or ACK22 is present, then the other is required. P2324 : If either ACK23 or ACK24 is present, then the other is required. P2526 : If either ACK25 or ACK26 is present, then the other is required. P2728 : If either ACK27 or ACK28 is present, then the other is required. C282729 : If ACK28 is present, then ACK27 and ACK29 is required.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
668	Line Item Status Code	M ID2/2	M ID2/2	Description: Code specifying the action taken by the seller on a line item requested by the buyer **Code** **Description** IA Item Accepted IB Item Backordered IC Item Accepted - Changes Made IR Item Rejected ID Item Deleted
380	Quantity	O R1/15	M R1/15	Description: Numeric value of quantity

Label	Name	Standard		Impl		Comment
355	Unit or Basis for Measurement Code	O	ID2/2	M	ID2/2	Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Standard codelist for _355 is supported.
374	Date/Time Qualifier	O	ID3/3	M	ID3/3	Description: Code specifying type of date or time, or both date and time **Code** **Description** 002 Delivery Requested
373	Date	O	DT8/8	M	DT8/8	Description: Date expressed as CCYYMMDD
326	Request Reference Number	O	AN1/45	O	AN1/45	Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)
235	Product/Service ID Qualifier	O	ID2/2	M	ID2/2	Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Description** PL Purchaser's Order Line Number
234	Product/Service ID	O	AN1/48	M	AN1/48	Description: Identifying number for a product or service

3.8   CTT_01_02 (Transaction Totals)

N	Level	a	Max Occ.	m	Content	e
CTT	5		1		Transaction Totals	

Purpose: To transmit a hash total for a specific element in the transaction set Notes: The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

This segment group is mandatory here.
Max. occurrences is 1.

3.8.1 CTT (Transaction Totals)

Purpose: To transmit a hash total for a specific element in the transaction set Notes: The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment. Comments: This segment is intended to provide hash totals to validate transaction completeness and correctness.
 ' Syntax Rules: P0304 : If either CTT03 or CTT04 is present, then the other is required. P0506 : If either CTT05 or CTT06 is present, then the other is required.

This segment is optional here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
354	Number of Line Items	M N0/6	M N0/6	Description: Total number of line items in the transaction set
347	Hash Total	O R1/10	M R1/10	Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

4 Trailer Segments

4.1 SE (Transaction Set Trailer)

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) Comments: SE is the last segment of each transaction set.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard		Impl		Comment
96	Number of Included Segments	M	N0/10	M	N0/10	Description: Total number of segments included in a transaction set including ST and SE segments
329	Transaction Set Control Number	M	AN4/9	M	AN4/9	Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

4.2 GE (Functional Group Trailer)

Purpose: To indicate the end of a functional group and to provide control information Semantics: The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06. Comments: The use 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 used in the corresponding header.

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard		Impl		Comment
97	Number of Transaction Sets Included	M	N0/6	M	N0/6	Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element
28	Group Control Number	M	N0/9	M	N0/9	Description: Assigned number originated and maintained by the sender

4.3 IEA (Interchange Control Trailer)

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

This segment is mandatory here.
Max. occurrences is 1.

Label	Name	Standard	Impl	Comment
I16	Number of Included Functional Groups	M N0/5	M N0/5	Description: A count of the number of functional groups included in an interchange
I12	Interchange Control Number	M N9/9	M N9/9	Description: A control number assigned by the interchange sender

5 Example Files

5.1 X12 SAMPLE FILE PURCHASE ORDER ACKNOWLEDGMENT

```
ISA*00*      *00*      *01*205415573   *ZZ*131522401S   *190312*1550*U*00401*000087965*0*P*>
GS*PR*131522401S*205415573*20190312*155033*87965*X*004010
ST*855*0001
BAK*00*AD*4502305246**20190312
CUR*BY*USD
PER*BD*VMI M. Williams*TE*812-309-3758*FX*812-634-4600
PER*RE*Kimball Electronics Group*TE*812-634-4200
N1*BY**92*KIKEG01
N1*SF**92*40001321
N1*ST*Kimball Electronics Group*92*KIKEG01
N3*1038 East 15th Street
N4*Jasper*IN*47546*US
PO1*00010*1000*EA*0.155*PE*BP*A-8794740WDP01*PD*SWITCH, TACT SPST SM
LIN*1*MF*C & K Components/ITT Industries Can*MG*KSC441G70SHLFS
ACK*IA*1000*EA*002*20150212**PL*001
CTT*1*1000
SE*15*0001
GE*1*87965
IEA*1*000087965
```