



Functional Acknowledgment

Version 005010 UCS & X12

Functional Group=FA

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0200	AK1	Functional Group Response Header	M	1		N1/0200	Must use
LOOP ID - AK2					>1	N1/0300L	
0300	AK2	Transaction Set Response Header	O	1		N1/0300	Must use
LOOP ID - AK3					>1	C1/0400L	
0400	AK3	Data Segment Note	O	1		C1/0400	Must use
0500	AK4	Data Element Note	O	99			Must use
0600	AK5	Transaction Set Response Trailer	M	1			Must use
0700	AK9	Functional Group Response Trailer	M	1			Must use

AK1 Functional Group Response Header

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK101	479	Functional Identifier Code	M	ID	2/2	Must use
		Code Name				
		CD Credit/Debit Adjustment (812)				
		DX Direct Exchange Delivery and Return Information (894, 895)				
		GP Grocery Products Invoice (880)				
		IN Invoice Information (810)				
		OG Order Group - Grocery (875, 876)				
		PD Product Activity Data (852)				
		PO Purchase Order (850)				
		PR Purchase Order Acknowledgment (855)				
		PS Planning Schedule with Release Capability (830)				
		PT Product Transfer and Resale Report (867)				
		QG Product Information (878, 879, 888, 889, 896)				
		RA Payment Order/Remittance Advice (820)				
		SC Price/Sales Catalog (832)				
		SH Ship Notice/Manifest (856)				
AK102	28	Group Control Number	M	N0	1/9	Must use
		AK102 is the control number assigned to the group being acknowledged, e.g., this is the control number assigned by the sender of the original transmission. It is the value sent in GS06 for the original transmission.				

AK2 Transaction Set Response Header

Pos: 0300	Max: 1
Heading - Optional	
Loop: AK2	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK201	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		810 Invoice				
		812 Credit/Debit Adjustment				
		820 Payment Order/Remittance Advice				
		824 Application Advice				
		830 Planning Schedule with Release Capability				
		832 Price/Sales Catalog				
		850 Purchase Order				
		852 Product Activity Data				
		855 Purchase Order Acknowledgment				
		856 Ship Notice/Manifest				
		867 Product Transfer and Resale Report				
		875 Grocery Products Purchase Order				
		879 Price Information				
		880 Grocery Products Invoice				
		888 Item Maintenance				
		889 Promotion Announcement				
		894 Delivery/Return Base Record				
AK202	329	Transaction Set Control Number	M	AN	4/9	Must use
		AK202 is the control number assigned to the transaction being acknowledged, e.g., this is the control number assigned by the sender of the original transmission. It is the value sent in ST02 for the original transmission.				

AK3 Data Segment Note

Pos: 0400	Max: 1
Heading - Optional	
Loop: AK3	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK301	721	Segment ID Code	M	ID	2/3	Must use
AK302	719	Segment Position in Transaction Set	M	N0	1/10	Must use

AK4 Data Element Note

Pos: 0500	Max: 99
Heading - Optional	
Loop: AK3	Elements: 3

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK401	722	Element Position in Segment	M	N0	1/2	Must use
AK402	725	Data Element Reference Number	O	N0	1/4	Used
AK403	723	Data Element Syntax Error Code	M	ID	1/3	Must use

<u>Data Element Code</u>	<u>Syntax Error Name</u>	Req	Type	Min/Max	Usage
		M	ID	1/3	Must use
1	Mandatory data element missing				
2	Conditional required data element missing.				
3	Too many data elements.				
4	Data element too short.				
5	Data element too long.				
6	Invalid character in data element.				
7	Invalid code value.				
8	Invalid Date				
9	Invalid Time				

AK5 Transaction Set Response Trailer

Pos: 0600	Max: 1
Heading - Mandatory	
Loop: AK2	Elements: 2

(Usage): Must use

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>
AK501	717	Transaction Set Acknowledgment Code	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A Accepted				
		R Rejected				
AK502	718	Transaction Set Syntax Error Code	O	ID	1/3	Used
		<u>Code</u> <u>Name</u>				
		1 Transaction Set Not Supported				
		2 Transaction Set Trailer Missing				
		4 Number of Included Segments Does Not Match Actual Count				
		5 One or More Segments in Error				
		6 Missing or Invalid Transaction Set Identifier				
		7 Missing or Invalid Transaction Set Control Number				
		8 Authentication Key Name Unknown				
		23 Transaction set control number not unique within the Functional Group				

AK9 Functional Group Response Trailer

Pos: 0700	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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>
AK901	715	Functional Group Acknowledge Code	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A Accepted				
		P Partially Accepted, At Least One Transaction Set Was Rejected				
		R Rejected				
AK902	97	Number of Transaction Sets Included	M	N0	1/6	Must use
AK903	123	Number of Received Transaction Sets	M	N0	1/6	Must use
AK904	2	Number of Accepted Transaction Sets	M	N0	1/6	Must use

SAMPLE DATA (ACCEPTED)

ST*997*817015395~	Transaction Set Identifier Code, Transaction Set Control Number
AK1*GP*4569~	Functional Identifier Code – GP(880), Group Control Number
AK2*880*04569001~	Transaction Set Identifier Code –880, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK9*A*1*1*1~	Functional Group Acknowledge Code –A(Accepted), Number of Transaction Sets Included, Number of Received Transaction Sets, Number of Accepted Transaction Sets
SE*6*817015395~	Number of Included Segments, Transaction Set Control Number
GE*1*817015394~	Number of TS Included, Group Cntl Number
IEA*1*000000010~	

SAMPLE DATA (REJECTED)

ST*997*716023113~	Transaction Set Identifier Code, Transaction Set Control Number
AK1*QG*115~	Functional Identifier Code –OG(889), Group Control Number
AK2*889*1150001~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK3*G45*97*G45~	Segment ID Code, Segment Postion in Transaction Set, Loop ID Code
AK4*2*766*4*06310300022~	Element Position in Segment, Data Element Reference Number, Data Element Error Code, Copy of Bad Data Element
AK5*R*5~	Transaction Set Acknowledgement Code –R(Rejected)
AK2*889*1150002~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150003~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150004~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150005~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150006~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150007~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150008~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK2*889*1150009~	Transaction Set Identifier Code –889, Transaction Set Control Number
AK5*A~	Transaction Set Acknowledgement Code –A(Accepted)
AK9*P*9*9*8~	Functional Group Acknowledge Code –P(Partially Accepted, At least one transaction set was rejected), Number of Transaction Sets Included, Number of Received Transaction Sets, Number of Accepted Transaction Sets
SE*24*716023113~	Number of Included Segments, Transaction Set Control Number
GE*1*716023111~	Number of TS Included, Group Cntl Number
IEA*1*000000006~	Number of Included Functional Groups, Interchange Control Number