



Kroger EDI832 for DSD (Direct Ship to Store) suppliers

EDI Version : 5010 ; EDI Standards : X12

Author:	Kroger
Company:	Kroger
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832 Price/Sales Catalog

Functional Group=SC

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) 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 furnishing or requesting the price of goods or services in the form of a catalog.

User Note 1:

Example:

*BCT*PC*****00-*

*PER*IC*CORPORATE DSD PROJECT MANAGER*WP*5137621533-*

*DTM*007*20181113-*

*N1*VN*SOUTHERN GLAZERS WINE&SPIRITS OF AR*92*DO2505186-*

*N1*ST*DELTA*9*0217324092500-*

*N1*SN*00465-*

*N1*SN*00469-*

*N1*SN*00590-*

*N1*SN*00619-*

*N1*SN*00621-*

*N1*SN*00633-*

*N1*SN*00635-*

*N1*SN*00777-*

*LIN**UD*002210000004*UK*00022100000049-*

*PID*F***PABST CAN-*

*PO4*12-*

*CTP**UCP*15.84-*

*N1*SN*00633-*

*LIN**UD*002210000074*UK*00022100000742-*

*PID*F***PABST BLU RIBBON 6PK CAN-*

*PO4*4-*

*CTP**UCP*18-*

*N1*SN*00465-*

*N1*SN*00469-*

*N1*SN*00590-*

*N1*SN*00619-*

*N1*SN*00621-*

*N1*SN*00633-*

*N1*SN*00635-*

*N1*SN*00777-*

*LIN**UD*002210000170*UK*00022100001701-*

*PID*F***PABST BLU RIBBON 12PK CAN-*

*PO4*2-*

*CTP**UCP*17.05-*

*N1*SN*00633-*

*LIN**UD*003410007341*UK*00034100073411-*

*PID*F***MLWKE BEST LGHT 30PK CAN-*

*PO4*1-*

*CTP**UCP*16.15-*

*G40*000*16.15-*

*G40*010*14.8-*

*N1*SN*00633-*

*LIN**UD*003410007602*UK*00034100076023-*

PID*F***MLWKE BEST LGHT 12PK CAN-
 PO4*2-
 CTP**UCP*14.05-

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0200	BCT	Beginning Segment for Price/Sales Catalog	M	1			Must use
0600	PER	Administrative Communications Contact	O	>1			Used
0700	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					≥1		
1500	N1	Party Identification	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LIN					≥1		
0100	LIN	Item Identification	O	1			Used
0700	PID	Product/Item Description	O	200			Used
1000	PO4	Item Physical Details	O	1			Used
1500	SAC	Service, Promotion, Allowance, or Charge Information	O	>1			Used
LOOP ID - CTP					≥1		
1700	CTP	Pricing Information	O	1			Used
LOOP ID - G40					≥1		
2300	G40	Bracket Price	O	1			Used
LOOP ID - N1					≥1		
2430	N1	Party Identification	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Used

BCT Beginning Segment for Price/Sales Catalog

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

User Option (Usage): Must use

Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

User Note 1:

*Example: BCT*PC*****00~*

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>
BCT01	683	Catalog Purpose Code	M	ID	2/2	Must use
		Description: Code indicating purpose of catalog				
		Code Name				
		PC				Price Catalog
BCT10	353	Transaction Set Purpose Code	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
		Code Name				
		00				Original

PER Administrative Communications Contact

Pos: 0600	Max: >1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

User Note 1:

*Example: PER*IC*CORPORATE DSD PROJECT MANAGER*WP*5137621533-*

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>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		Code Name				
		IC		Information Contact		
PER02	93	Name	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		Code Name				
		WP		Work Phone Number		
PER04	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

DTM Date/Time Reference

Pos: 0700	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

User Note 1:

*Example: DTM*007*20181113-*

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

Code Name

007 Effective

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

N1 Party Identification

Pos: 1500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

User Note 1:

Example:

*N1*VN*SOUTHERN GLAZERS WINE&SPIRITS OF AR*92*D02505186~*

*N1*ST*DELTA*9*0217324092500~*

*N1*SN*00465~*

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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		SN		Store		
		ST		Ship To		
		VN		Vendor		
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		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	X	AN	2/80	Used
		Description: Code identifying a party or other code				

LIN Item Identification

Pos: 0100	Max: 1
Detail - Optional	
Loop: LIN	Elements: 4

User Option (Usage): Used

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

User Note 1:

*Example: LIN**UD*002210000004*UK*00022100000049~*

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>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code Name

UD U.P.C./EAN Consumer Package Code (2-5-5)

LIN03	234	Product/Service ID	M	AN	1/48	Must use
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Description: Identifying number for a product or service

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code Name

UK GTIN 14-digit Data Structure

Description: *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

LIN05	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

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

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

User Note 1:

*Example: PID*F***PABST CAN~*

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>
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code Name

F Free-form

PID05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

PO4 Item Physical Details

Pos: 1000	Max: 1
Detail - Optional	
Loop: LIN	Elements: 1

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

User Note 1:

*Example: PO4*12~*

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>
PO401	356	Pack	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: LIN	Elements: 5

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

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>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified All valid standard codes are used.				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
		Description: Code identifying the service, promotion, allowance, or charge All valid standard codes are used.				
SAC05	610	Amount	O	N2	1/15	Used
		Description: Monetary amount				
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.				
SAC12	331	Allowance or Charge Method of Handling Code	O	ID	2/2	Used
		Description: Code indicating method of handling for an allowance or charge All valid standard codes are used.				

CTP Pricing Information

Pos: 1700	Max: 1
Detail - Optional	
Loop: CTP	Elements: 2

User Option (Usage): Used

Purpose: To specify pricing information

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

User Note 1:

*Example: CTP**UCP*15.84~*

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>
CTP02	236	Price Identifier Code	X	ID	3/3	Used
		Description: Code identifying pricing specification				
		Code Name				
		UCP Unit cost price				
CTP03	212	Unit Price	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				

G40 Bracket Price

Pos: 2300	Max: 1
Detail - Optional	
Loop: G40	Elements: 5

User Option (Usage): Used

Purpose: To provide a vendor's pricing structure associated with a specific line item

User Note 1:

Example:
 G40*000*16.15~
 G40*010*14.8~

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>
G4001	417	Price Bracket Identifier	O	AN	1/3	Used
		Description: Identifier assigned by the vendor for a specific price bracket				
G4002	418	Item List Cost - New	M	R	1/9	Must use
		Description: Unit price within the appropriate price bracket for a line item on or after an effective price date				
G4003	419	Item List Cost - Old	O	R	1/9	Used
		Description: Unit price within the appropriate price bracket for a line item before an effective date				
G4004	369	Free-form Description	O	AN	1/45	Used
		Description: Free-form descriptive text				
G4007	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.				

N1 Party Identification

Pos: 2430	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

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

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - 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>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		All valid standard codes are used.				
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

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

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

User Note 1:

*Example: CTT*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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set