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NEMA STANDARDS PUBLICATION

PDD
Version 04.00.01

PRODUCT DESCRIPTOR DATA
COMMON FIELDS REQUESTED

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Product Descriptor Data
Common Fields Requested

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Product Descriptor Data
Common Fields Requested

Version 04.00.01

This document suggests the common fields and their definitions that manufacturers need to share with distributors and third party catalog and information providers.

Note: This document should not suggest any particular "database" design or implementation. Many of the fields discussed can be repeated. Therefore, it should not be used to suggest a flat file exchange, or any particular type of transaction.

This document is to be used to describe/define the different product information fields being exchanged.

Future revisions of this document are anticipated.

Product Descriptor Data

Included in this document:

- common fields with definitions and example data
- product data structure

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Product Descriptor Data

Common Fields Requested Document Notes

These fields are presented in sections that attempt to associate common grouping of fields. Each field is numbered for reference with different lead numbers for each major group. Within a group, a field or a subgroup of fields may be repeated. Note, the "Frequency" (Freq) column is used to designate a field for a single (1) occurrence or multiple (>1) occurrences.

This version of the document includes a column labeled "Phase." It is used to suggest IDW implementation priorities.

Phase Codes	Description	Comments
Phase 1		
1-R	Phase 1 - Required Fields.	These fields are required to participate in the IDW.
1-O	Phase 1 - Optional Fields.	These fields are strongly recommended if they exist in your systems or are applicable to your products.
Phase 2		
2	Necessary fields.	It is recommended that these fields be implemented as soon as possible. At a future date these fields may be required.
Future		
F	Future fields.	

Note: The IDW will accept all fields from startup. It is recommended that you supply and accept as many of the fields as soon as your systems support them.

The column labeled "832" provides a quick reference to the associated IDW "View" and Segment of the EDI 832 Price/Sales Catalog transaction as reflected in the ASC X12 version 4 release 1 (004010).

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Product Descriptor Data

Common Fields Requested

1.0 Seller Information

All of the fields in Table 1.0 can be maintained by manufacturers in the IDW via an on-line interface. However, use of the EDI 832 View A1 by manufacturers is recommended as the long-term maintenance solution.

Distributors can use the EDI Views from the IDW in support of an electronic catalog and their business systems.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
1.110	Currency	1	XXX	CUR View A1	Type of currency in which monetary amounts are expressed. Refer to ISO 4217 document. If no value, default value is U.S. Dollars.	USD	1-R	
1.120	Seller Name	1	X(35)	N1 View A1	Name of the selling party.	XYZ Selling Corp	1-R	
NOTE: The following two fields may be repeated together as a sub group.								
1.130.1	Seller ID Code	>1	XX	N1 View A1-A4 B1-B7	Code identifying the type of seller identification being used. 1 DUNS 9 DUNS + 4 14 EAN 91 Assigned by Seller	1	1-R	
1.130.2	Seller ID	>1	X(15)	N1 View A1-A4 B1-B7	Selling party identification (DUNS, DUNS + 4, EAN, or seller defined).	1237894560000	1-R	A minimum of one value is required; however, it is recommended that all valid IDs be included.
1.140	Seller Short Name	1	X(10)	N2 View A1	Abbreviated name of the selling party.	XYZ	1-O	
1.150	Seller Address	>1	X(35)	N3 View A1	Street or PO Box of the selling party.	555 First Ave	1-R	
1.160	Seller City	1	X(30)	N4 View A1	City of selling party's address.	Any City	1-R	
1.170	Seller State	1	XX	N4 View A1	State of selling party's address.	ST	1-R	
1.180	Seller Postal Code	1	X(11)	N4 View A1	Postal Code of selling party's address.	99887	1-R	

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1.0 Seller Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
1.190	Seller Country Code	1	XXX	N4 View A1	Country of selling party's address. Refer to ISO 3166 document. Default to USA.	USA	1-O	
1.200	Commercial and Government Entity Code	1	X(5)	REF View A1	CAGE Code. U.S. Government assigned number.	1V753	2	
1.210	Seller Tax ID	1	X(20)	REF View A1	USA Seller Federal Tax ID Number or Canadian Goods and Services Tax ID Number, etc.	243A684999	2	
1.220	Seller URL Home Page	1	X(80)	REF View A1	URL address for the seller's home page.	www.xyz.com	2	

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2.0 Seller Divisional Information

The following group of fields designates Divisional Information associated with the seller corporation. This group of fields may be repeated for each division. The use of Divisional Information is at the discretion of the manufacturer.

The ability to provide any information at the Divisional level requires inclusion of Table 2.0.

If you wish to designate information such as address, contact information, phone number, or text by Division using Seller Contact Information (Table 3.0) or Seller Text Information (Table 4.0), then Table 2.0 is required.

If you wish to associate individual product information using Product Information (Table 5.0) to a Division, then Table 2.0 is required.

All of the fields in Table 2.0 can be maintained by manufacturers in the IDW via an on-line interface. However, use of the EDI 832 View A2 by manufacturers is recommended as the long-term maintenance solution. Distributors can use the EDI View from the IDW in support of an electronic catalog and their business systems.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
2.100	Seller Division Name	1	X(35)	N1 View A2	Division name of the selling party.	Electrical Wholesale	1-O	
NOTE: The following two fields may be repeated together as a sub group.								
2.110.1	Seller Division ID Code	>1	XX	N1 View A2	Code identifying the type of divisional seller identification being used. 1 DUNS 9 DUNS + 4 14 EAN 91 Assigned by Seller	1	1-O	
2.110.2	Seller Division ID	>1	X(15)	N1 View A2	Selling party divisional identification (DUNS, DUNS + 4, EAN, or seller defined).	1237894560000	1-O	
2.120	Seller Division Address	>1	X(35)	N3 View A2	Street or PO Box of the selling party division.	PO Box 777	1-O	
2.130	Seller Division City	1	X(30)	N4 View A2	City of selling party's division address.	Any Town	1-O	
2.140	Seller Division State	1	XX	N4 View A2	State of selling party's division address.	ST	1-O	

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2.0 Seller Divisional Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
2.150	Seller Division Postal Code	1	X(11)	N4 View A2	Postal Code of selling party's division address.	997780777	1-O	
2.160	Seller Division Country Code	1	XXX	N4 View A2	Country of selling party's division address. Refer to ISO document 3166. Default to USA.	USA	1-O	
2.170	Seller Division Cage Code	1	X(5)	REF View A2	Commercial and Government Entity Code. U.S. Government assigned number.		2	
2.180	Seller Division URL Home Page	1	X(80)	REF View A2	URL address for the division of the seller.	www.ew.xyz.com	2	

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3.0 Seller Contact Information

The following group of fields designates contact information associated with the seller corporation or with specific divisions within the seller corporation. This group of fields may be repeated for each contact name.

In the future, electronic catalog systems will provide a Contact Button, allowing the preferred contact methods to be displayed for each supplier.

Note: It is recommended that generic contact descriptions be supplied rather than specific names of individuals.

Seller Contact information is optional. It can be used to specify contact information for a Company and/or a Division. If contact information is supplied, then Contact Code (Field 3.200) is required and must be unique for each set of contact information.

If Seller Division ID (Field 3.100) is included, then the contact information is associated with the Division. If not included, then the Contact Information is associated with the Company.

All of the fields in table 3.0 can be maintained by manufacturers in the IDW via an on-line interface. However, use of the EDI 832 View A3 by manufacturers is recommended as the long-term maintenance solution.

Distributors can use the EDI View from the IDW in support of an electronic catalog and their business systems.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
3.100	Seller Division ID	1	X(15)	N1 View A3	Selling party division identification (assigned by seller). A value in this field designates that the following groups of fields are associated with a seller division. If this field is left blank, then the group of fields relates to the seller corporation as a whole.	1237894560000	2	
3.200	Contact Code	1	XX	PER View A3	Seller supplied code for referencing specific contact information. This code will be referenced when passing specific contact information to distributors. Fixed Codes: **SA** Sales Administration **EN**Engineer (Technical Support) Additional contact codes can be supplied by the seller as needed.		2	

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***3.0 Seller Contact Information** (cont.)*

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
3.300	Contact Description	1	X(35)	PER View A3	Description in the electronic catalog of the contact.	Product Sales	2	
3.400	Contact Phone	1	X(20)	PER View A3	Phone number to the contact (including dashes).	800-555-1212	2	
3.500	Contact Fax	1	X(20)	PER View A3	Fax number to the contact (including dashes).	800-444-1212	2	
3.600	Contact URL Address	1	X(80)	PER View A3	Contact's URL Internet address. This could be used for designating the corporate or division Internet home page.	www.ew.xyz.com /sales	2	
3.700	Contact E-Mail Address	1	X(80)	PER View A3	Contact's e-mail address.	ew.info@xyz.com	2	

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4.0 Seller Text Information

The following group of fields designates text information associated with the seller corporation. This group of fields may be repeated as many times as necessary. If the same "Text Type Code" is repeated then the text should be concatenated to allow for multiple lines of text.

The industry defined Text Type Code (Field 4.110) will be maintained by NEMA.

Seller Text information is optional. It can be used to specify text information for a Company and/or a Division. If text information is supplied, then Language Code (Field 4.100), Text Type Code (Field 4.110) and Text (Field 4.120) are required.

If Seller Division ID (Field 4.101) is included, then the set of text information is associated with the Division. If not included then the set of text information is associated with the Company.

All of the fields in table 4.0 can be maintained by manufacturers in the IDW via an on-line interface. However, use of the EDI 832 View A4 by manufacturers is recommended as the long-term maintenance solution. Distributors can use the EDI View from the IDW in support of an electronic catalog and their business systems.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
4.100	Language Code	1	XX	YNQ View A4	This is the language associated with the following text. Refer to ISO 639 document.	EN (English) ES (Spanish) FR (French)	1-O	
4.101	Seller Division ID	1	X(15)	N1 View A4	Seller party division identification (assigned by seller).	1237894560000	1-O	
4.110	Text Type Code	1	XXX	YNQ View A4	**SOR** Seller Ordering Restrictions Comments regarding restrictions to ordering from the seller: "No returns on broken case quantities" **SPL** Seller General Policy General comments regarding the seller's policies (such as freight, returns, discounts, transportation, etc.): "2%-10th prox net 30" **SSR** Seller Shipping Restrictions General comments' regarding the seller's shipping restrictions: "Next day shipments via FedEx only"		1-O 1-O F	

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4.0 Seller Text Information (cont.)								
NEMA #	**Name**	**Freq**	**Format**	**832**	**Definition**	**Sample**	**Phase**	**Implementation**
4.120	Text	1	X(75)	YNQ View A4	Text field up to 75 characters.		1-O	

Example

Language	Text Code	Text
EN	SOR	Subject to credit approval
EN	SPL	2%-10th prox net 30
EN	SPL	$500 freight prepaid
EN	SSR	Next day air shipments via FedEx only

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5.0 Product Information

The following group of fields designates product information associated with the seller corporation or with specific divisions within the seller corporation. Within this group certain fields or sub groups of fields can be repeated to allow for their recurrence.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.100	Catalog Number	1	X(40)	LIN View B1	Seller's catalog number.	ABC001	1-R	
5.105	Item Status	1	X	REF View B1	The current status of this item. A = Active Record P = Planned Termination of an item (Item that is planned to be phased out of production.) O = Obsolete Item (Item that can no longer be purchased. There will be no more updates for this SKU. Refer to the "Replacement" field to see if an alternate SKU exists for this item.) D = Delete (This item should be deleted from the receivers data base. The item "Item Status Date" can be used to control the date of deletion.)	A	1-R	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.106	Item Status Date	1	CCYY MMDD	DTM View B1	This date is associated with the Item Status field. For Item Status = A - this would be the date the item would be available for sale. For Item Status = P - this would be the planned obsolescence date. For Item Status = O - this would be the date the item becomes obsolete. For Item Status = D - this date is used to advise when the SKU should be removed from the receiver's system.	19970511	1-R	
5.110	U.P.C.	1	X(12)	LIN View B1 View B2 View B3 View B4 View B5 View B6 View B7	U.P.C. (1-5-5-1). This number is the U.P.C. for the consumer unit. **Note:** The IDW standard requires the inclusion of the check digit as defined by the Uniform Code Council (UCC).	099977543214	1-R	Either U.P.C. or EAN is required for each item. If both are supplied the U.P.C. will be used as the control number for the item
5.113	Common Item Number	1	X(12)	LIN View B1	Common Item Number as assigned by industry to certain commodity products.	98010012345	1-O	
5.115	EAN	1	X(13)	LIN View B1 View B2 View B3 View B4 View B5 View B6 View B7	EAN (2-5-5-1). This number is the EAN for the consumer unit. This includes the check digit.		1-R	EAN will be used as the control number for the item if an U.P.C. is not supplied

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.120	Seller Division ID	1	X(15)	N1 View B1	Seller party division identification (assigned by seller). **Note:** The Seller Division ID will not be used to identify an item within the IDW, but will be informational. The U.P.C./EAN will be used to identify an item and must be unique within a Seller ID (Company).	1237894560000	1-O	The Seller Division ID can be included when an item is associated specifically with a division.
5.130	Brand / Label	1	X(40)	LIN View B1	Brand Name or Trade Name of the product.	Widgets	1-O	
5.140	IDW Effective Date	1	CCYY MMDD	DTM View B1	The IDW effective date is used by the manufacturer to specify when the IDW is permitted to send out item information. If the IDW effective date is on or before the current date, or is null, then information will be passed to IDW partners in accordance to the authorization rules. If this is a future date, then no changes will be passed to IDW partners.	19970511	1-O	
5.150	Replacement Catalog Number	1	X(40)	PO1 View B1	Replacement catalog number (new catalog number).		1-O	
5.160	Replaced Catalog Number	>1	X(40)	PO1 View B1	Replaced catalog number (old catalog number).		1-O	
5.180	Replacement U.P.C.	1	X(12)	PO1 View B1	U.P.C. (1-5-5-1). This number is the U.P.C. for the new consumer unit. This includes the check digit.		1-O	
5.185	Replacement EAN	1	X(13)	PO1 View B1	EAN (2-5-5-1). This number is the EAN for the new consumer unit. This includes the check digit.		1-O	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.190	Replaced U.P.C.	>1	X(12)	PO1 View B1	U.P.C. (1-5-5-1). This number is the U.P.C. for the old consumer unit. This includes the check digit.		1-O	
5.195	Replaced EAN	>1	X(13)	PO1 View B1	EAN (2-5-5-1). This number is the EAN for the old consumer unit. This includes the check digit.		1-O	
5.210	Freight Class Code	1	X(8)	PID View B1	Freight class codes. Code indicating generalized classification that applies to one or more items in the shipment.	77	1-O	
5.220	International Harmonize Code	1	X(10)	LIN View B1	Harmonization code for the item for duties and tax information.		F	
5.230	Country of Origin	1	XXX	LIN View B1	Country of origin for product shipment. Refer to ISO 3166 document. Default to USA.	USA	F	
5.240	Standard Industry Classification	1	X(10)	REF View B1	SIC code.	5463097743	F	
5.250	Material Safety Data Sheet Number	1	X(30)	REF View B2	MSDS Number or country equivalent.	62445872563415	F	
5.260	Material Safety Data Sheet Revision	1	X(4)	REF View B2	MSDS Revision number or country equivalent.	0103	F	
5.270	Material Safety Data Sheet Date	1	CCYY MMDD	DTM View B2	MSDS last revision date or country equivalent.	19970305	F	
5.280	Material Safety Data Sheet Description	1	X(80)	REF View B2	MSDS description or country equivalent.		F	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
NOTE: The following two fields may be repeated together as a sub group.								
5.290.10	Certification Agency	>1	X(10)	PID View B1	Agency that has certified the product such as UL, CSA, NRTL, CUL, etc.	UL	F	
5.290.20	Certification Number	>1	X(15)	PID View B1	Certification Number assigned to the product by the certifying agency.	RBY52T6341	F	
5.300	Stock Indicator Code	1	X	PID View B1	Indicator if item is made-to-order by the seller. S = Shelf Stock (planned for stock) N = Non-stock Q = Quick Ship (as defined by seller)	S	1-R	
5.310	Industry Class Code	1	X(10)	PID View B1	Code indicating the Industry Class Code. Refer to the NAED/AHTD/PTDA/EFC Product Category Codes document.	127	1-O	
5.320	Industry Class Code Alternate	1	X(10)	PID View B1	Alternate Industry Class Code. Codes mutually agreed upon between the trading partners.		F	
5.330	Seller's Class Code	1	X(10)	PID View B1	Designation created by the seller to group items for purpose of pricing and/or product categorization. This is one of the fields, which may be used to assign access authorization within an industry data warehouse environment. This field is also available in the private data exchange used for discount pricing. (Refer to the NEMA Partner Specific Price Discount Information document.)	001 (Product Line Code)	1-R	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.340	Seller's Sub-Class Code	1	X(10)	PID View B1	Secondary designation created by the seller to group items for purpose of pricing and/or product categorization. This is one of the fields, which may be used to assign access authorization within an industry data warehouse environment. This field is also available in the private data exchange used for discount pricing. (Refer to the NEMA Partner Specific Price Discount Information document.)	001333 Product Sub-line Code	1-R	If data is available in your business system, then it must be provided.
5.343	Price Group Code 1	1	X(10)	PID View B1	Designation created by the seller to group items for purpose of pricing and/or product categorization. This field is available in the private data exchange used for discount pricing. Examples include discount schedule, pricing matrix code, etc.	DISC01	1-R	If data is available in your business system, then it must be provided.
5.344	Price Group Code 2	1	X(10)	PID View B1	Designation created by the seller to group items for purpose of pricing and/or product categorization. This field is available in the private data exchange used for discount pricing.		1-R	If data is available in your business system, then it must be provided.
5.345	Price Group Code 3	1	X(10)	PID View B1	Designation created by the seller to group items for purpose of pricing and/or product categorization. This field is available in the private data exchange used for discount pricing.		1-R	If data is available in your business system, then it must be provided.

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
NOTE: The following field may be repeated.								
5.346	Optional Authorization Code	>1	X(10)	REF View B1	This is a field used by a supplier to designate alternate codes for IDW authorization purposes. As an alternate to Seller Class Code & Seller Sub-Class Code, this would allow certain products within to be coded for special markets.	3	1-R	If data is available in your business system, then it must be provided.
NOTE: The following field may be repeated.								
5.350	Packaging Language Code	>1	XX	PID View B1	Description of Language(s). This field is used to describe the languages used on labeling or instructions. Repeat this field for each language supported. Refer to ISO 639 document for valid language codes.	EN (English) ES (Spanish) FR (French)	F	
5.360	Lead Time	1	XXX	LDT View B1	Normal lead time of item (from date of purchase order receipt to shipment).	28	F	
5.370	Lead Time Unit of Measure	1	XX	LDT View B1	Code indicating days, weeks, etc. for lead time quantity. DA Calendar Days DW Work Days HR Hours WK Weeks	DA	F	
5.380	Original Manufacturer of Goods	1	X(35)	N1 View B1	This field can be used to designate the name of original manufacturer of the product if different from the seller.	Widget Corp	F	
NOTE: The following two fields may be repeated together as a sub group.								
5.400.10	Country Made Percent	>1	XXX	CRD View B1	Percent of the item content from a country. Value expressed as a whole percent value. If a percentage exists, then the country code is required.	90	F	
5.400.20	Country Made Code	>1	XXX	CRD View B1	Country associated to the percent content. Refer to ISO 3166 document.	USA	F	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
NOTE: The following three fields may be repeated together as a sub group.								
5.410.10	Special Charge Description	>1	X(35)	SAC View B1	Description indicating a type of charge for an item such as set up, installation, broken package, etc.	Restocking Fee	F	
5.410.20	Special Charge Percent	>1	X(6)	SAC View B1	Percentage value of the charge that may be assessed. Expressed as a percentage including the use of the decimal.	24.5	F	
5.410.30	Special Charge Amount	>1	X(7)	SAC View B1	Monetary value of the charge that may be assessed. Expressed as a dollar value including the use of the decimal.		F	
5.420	Order Minimum	1	X(15)	CTB View B1	Absolute minimum order value/quantity.	50	1-R	
5.430	Order Minimum Unit of Measure	1	XX	CTB View B1	Unit of measure identifying the minimum order value/quantity. If the value is associated to an item quantity then a quantity unit of measure will be provided. If the value is associated to an item monetary value, then a 'V' will appear in place of the unit of measure.	EA	1-R	
5.440	Order Multiple	1	X(15)	CTB View B1	Must be ordered in this multiple.	50	1-R	
5.450	Order Multiple Unit of Measure	1	XX	CTB View B1	Unit of measure identifying the order multiple.	EA	1-R	

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5.0 Product Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
5.460	Optimum Order Multiple	1	X(15)	CTB View B1	This field is used to communicate the optimum purchase quantity multiple. Quantity not ordered in this multiple could incur a higher purchase cost. Example: Product is sold by the each and by the case and a case holds 1200. If the buyer requests 2410, then the 10 pieces may be priced at a higher cost.	1200	F	
5.470	Optimum Order Multiple Unit of Measure	1	XX	CTB View B1	Unit of measure associated with the optimum order multiple.	EA	F	
5.500	Legacy Description	1	X(35)	PID View B1	Two to ten character supplier abbreviation, followed by a blank, followed by a catalog number, followed by a blank, followed by a description.	XYZ ABC001 Gang Box, 1/2" & 3/4"	1-O	This description has traditionally been provided by an industry third party service. The example shows catalog number ABC001 for company XYZ.
5.510	Legacy Commodity Code	1	X(4)	LIN View B1	This is the traditional grouping of products into common categories for purpose of reporting.		1-O	This code has traditionally been provided by an industry third party service.
5.520	Legacy Cash Discount Percent	1	XX	SAC View B1	This is the traditional standard cash discount percent associated to an item.		1-O	This discount has traditionally been provided by an industry third party service.

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6.0 Product Text Information

The following group of fields designates text information associated with the specific product. This group of fields may be repeated as many times as necessary. If the same "Text Type Code" is repeated then the text should be concatenated to allow for multiple lines of text.

The industry defined Text Type Codes (Field 6.110) will be maintained by NEMA.

Product Text Information is optional. If text information is supplied, then Language Code (Field 6.100), Text Type Code (Field 6.110), and Texts (Field 6.120) are required.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
6.100	Language Code	1	XX	PID View B1 View B3 View B6	This is the language associated with the following text. Refer to ISO 639 document.	EN (English) ES (Spanish) FR (French)	1-R	
6.110	Text Type Code	1	XXX	PID View B1 View B2 View B3 View B6 View B7	**INV** Invoice Description This is the product description of the item, as it will appear on an invoice: "Gang Box" This description is typically used on picking labels, packing list, invoice, etc. **CAT** Catalog Description Description of the item as it will appear on an electronic catalog: "Gang Box, ½" & ¾" Knockouts, used in outdoor UV applications" This is an expanded description of the item for Distributor WEB catalog systems to display detailed human-readable text.		1-R F	This is the only text field required for initial implementation.

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6.0 Product Text Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
					SLA Slang Description Slang description for the product: "Old Work Box"		F	
					ASC Associated Comments Any comments that are associated with the specified catalog number: "Compatible with Widget XXY-992"		F	
					KIT Kiting Description Description of items contained within the main item: "Includes installation screws."		F	
					LBL Label Description Description of the item as it will appear on the product label: "Single Gang Box, ½" & ¾" KO"		F	
					POL Product General Policy Comments regarding product general policies (such as freight, returns, discounts, transportation, etc.): "No returns allowed."		F	
					POR Product Ordering Restrictions Comments regarding restrictions to ordering the product: "Quantities larger than a pallet require additional lead time."		F	

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6.0 Product Text Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
					SHR Shipping Restrictions Comments regarding restrictions to shipping the product: "Material must be sealed and water proof."		F	
					DRW Technical Drawing File Name of the file containing the associated technical drawing. Any industry standard drawing file: "ABC001.BMP"		F	
					PIC Picture File Name Name of the file containing product picture information. Any industry standard graphics file: "ABC001.PIC"		F	
					SPE Specification Sheet Name File name of the associated specification sheet name for the product. Any industry format: "GANGBOX.TXT"		F	
					URL Universal Resource Locator URL Internet address for additional product information: www.ew.xyz.com/boxes/0550.html		F	

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6.0 Product Text Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
					MSD MSDS File Name File-Name containing text or graphics file with MSDS information. Any standard format: "GANGMSDS.TXT"		F	
					PCD Pallet Configuration Drawing File-Name containing text or graphics file with pallet information. Any standard format: "GANGPLT.TXT"		F	
					SDK Seller Defined Keywords Keywords used for product keyword searches (each keyword is separated by blanks): "Gang Box Wall Junction Steel Single"		F	
6.120	Text	1	X(75)	PID View B1 View B2 View B3 View B6 View B7	Text field up to 75 characters.		1-R	

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7.0 Product Packaging Information

The following groups of fields designate product packaging information associated with the seller corporation. Care should be made to understand the relationship of each of these fields. Please refer to the examples below. This group of fields may be repeated for each package level.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
7.100	Pack Description	1	X(20)	PKG View B4	Text description of the package that is being described.	Each, Box, Case, Pallet	2	
7.105	Pack Unit of Measure	1	XX	PKG View B4	The unit of measure code associated with this package type.	CA	2	
7.107	Order Minimum for Package Level	1	X(15)	CTB View B4	Minimum package level order value/quantity.	2	2	This optional field is associated with the Pack Unit of Measure.
7.109	Order Multiple for Package Level	1	X(15)	CTB View B4	Must be ordered in this package level multiple.	1	2	This optional field is associated with the Pack Unit of Measure.
7.110	Packaging U.P.C.	1	X(14)	G55 G39 View B4	U.P.C. (1-2-5-5-1) for the item This is the SCC-14 (Shipping Container Code) for the item in a specific package configuration.	30099977543214	2	When packaging information is included the SCC-14, or the EAN is required.
7.115	Packaging EAN	1	X(13)	G55 G39 View B4	EAN for the item at the packaging level.		2	
7.118	Alternate U.P.C.	1	X(12)	G39 View B4	Unique U.P.C. code assigned to identify different "sellable" package levels, as used in the Retail Industry.	01234567891	2	
7.119.10	Pack Level Catalog Number	1	X(40)	G39 View B4	Seller's unique catalog number assigned to this package level.	ABC001-48-2P	2	Example: Unique catalog number assigned to a case of 48 light bulbs in 2 packs.
7.119.20	Pack Level Catalog Number Description	1	X(75)	PID View B4	Invoice description of the item, as it will appear on an invoice for this pack level catalog number.	Case of 48 - 100 Watt light bulbs in 2-Packs.	2	Typically used on picking labels, packing list, invoice, etc.

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7.0 Product Packaging Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
7.120	Number of Sub Packs	1	X(6)	G55 G39 View B4	Number of next lower level packs in this container.	24	2	When packaging information is included, this field is required. Example: If describing a case that contains 24 inner boxes, then enter 24. If describing a pallet that contains 10 cases, then enter 10.
7.125	SCC-14 Next Lower Level Sub Pack	1	X(14)	G55 G39 View B4	This is the SCC-14 (Shipping Container Code) of the next lower level sub pack within this container.	10099977543214	2	When packaging information is included, the SCC-14 is required.
7.130	Total Units	1	X(8)	G55 G39 View B4	Total Number of Lowest Level Units.	1200	2	When packaging information is included, this field is required. Example: If describing a case that contains 24 inner boxes, and each inner box contains 50 lowest level units, then enter 1,200 (24 x 50). If describing a pallet that contains 10 cases, and each case contains 1,200 lowest level units, then enter 12,000 (10 x 1,200).
7.140	Lowest Level Unit of Measure	1	XX	G55 G39 View B4	Unit of measure describing the units within the sub pack.	EA	2	When packaging information is included, this field is required.

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7.0 Product Packaging Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
7.150	Gross Weight per Pack	1	X(8)	G55 G39 View B4	Weight per pack described.	8.62	2	Note: All suppliers should include weight as soon as available.
7.160	Gross Weight Unit of Measure	1	X	G55 G39 View B4	Unit of measure for gross weight. G = Grams K = Kilograms L = Pounds O = Ounces	L	2	
7.170	Gross Volume per Pack	1	X(8)	G55 G39 View B4	Volume per pack described.	1.008	2	
7.180	Gross Volume Unit of Measure	1	XX	G55 G39 View B4	Unit of measure for gross volume.	CF	2	
7.185	Pallet Block and Tier Number	1	X(6)	G39 View B4	This is the number that describes the pallet. The first three digits = the number of cases per level. The last three digits = the number of levels.	010003	2	
7.190	Length	1	X(8)	G55 G39 View B4	Length of pack.	1.2	2	Note: All suppliers should include dimensions as soon as available.
7.195	Length Unit of Measure	1	XX	G55 G39 View B4	Unit of measure for length.	FT	2	
7.200	Width	1	X(8)	G55 G39 View B4	Width of pack.	2.1	2	Note: All suppliers should include dimensions as soon as available.
7.205	Width Unit of Measure	1	XX	G55 G39 View B4	Unit of measure for width.	FT	2	
7.210	Height	1	X(8)	G55 G39 View B4	Height of pack.	0.5	2	Note: All suppliers should include dimensions as soon as available.
7.215	Height Unit of Measure	1	XX	G55 G39 View B4	Unit of measure for height.	IN	2	

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Example Usage

The following example lists key fields associated with a product that can be purchased in Each, Box, Case, or Pallet.

Pack Unit of Measure	Pack Description	Packaging SCC-14	SCC-14 Next Lower Level Sub Pack	Number of Sub Packs	Total Units	Lowest Level Unit of Measure	Comments
PKG NEMA# 7.105	PID NEMA# 7.100	LIN NEMA# 7.110	G55 / G39 NEMA# 7.125	G55 / G39 NEMA# 7.120	G55 / G39 NEMA# 7.130	G55 / G39 NEMA# 7.140	
			SCC-14 of Next Lower Level Sub Pack	Number of Next Lower Level Sub Packs in this Container	Total Number of Lowest Level Units		
EA	Each	*00122222222227*	*00122222222227*	1	1	EA	Note: At the Each Level, the SCC-14 is placed into Packaging SCC-14 and the Next Lower Level Sub Pack.
BX	Box	*30122222222228*	*00122222222227*	50	50	EA	Box contains 50 saleable items.
CA	Case	*50122222222222*	*30122222222228*	24	1,200	EA	Case contains 24 inner boxes; each inner box has 50 saleable units, for a total of 1,200 saleable units.
PL	Pallet	*70122222222226*	*50122222222222*	10	12,000	EA	Pallet contains 10 cases; each case contains 1,200 saleable units, for a total of 12,000 saleable units.

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8.0 Product Pricing Information

The following group of fields designates product pricing information. Care should be made to understand the relationship of each of these fields.

This entire group of fields may be repeated within the item structure for each Price Sheet / Zone.

Also note that within this group, a repeating group of ten fields is defined to support multiple types of pricing such as "Blue Book" and "Gold Book." Example PDD data structures are shown in the appendix to this document.

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
8.100	Price Sheet Number	1	X(15)	REF View B5	Price sheet number.	GB97001	1-R	
8.110	Price Sheet Version	1	IDW Internal Use Only	N/A	Price sheet version number. Note: This field is internal to the IDW and is updated automatically for version control purposes.			Not applicable to Manufacturers
8.120	Pricing Zone Code	1	X(4)	REF View B5	This is a seller defined code that is used to split a price sheet into zone or regional pricing. This field can be used in many ways to support multiple price sheets at the seller's discretion.	USA	1-R	
8.125	Legacy Zone Number Code	1	XXX	REF View B1	This is the traditional pricing zone code.		1-O	This code has traditionally been provided by an industry third party service.
8.130	Price Sheet Published Date	1	CCYY MMDD	DTM View B5	Published date of price sheet for this item.	19970511	1-R	
8.135	Price Sheet Description	1	X(80)	REF View B5	Description of the price sheet.	Widget Price Sheet	1-R	
8.200	Price Effective Date	1	CCYY MMDD	DTM View B5	Effective date for price.	19970511	1-R	
8.210	Price Expiration Date	1	CCYY MMDD	DTM View B5	Expiration date for price. The IDW will use this field in determining the current price of an item.	19980511	1-O	

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8.0 Product Pricing Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
8.215	Price Currency	1	XXX	CUR View B5	Type of currency that monetary amounts are expressed. Refer to ISO 4217 document. If no value, default value is the currency specified in field 1.110.	USD	1-R	
NOTE: The following thirteen fields may be repeated together as a sub group to provide the option for multiple price schedules.								
8.300.10	Price Column Code	1	X(5)	REF View B5	Seller supplied code for referencing specific price schedules.	BLUE	1-R	
8.300.20	Price Column Description	1	X(80)	REF View B5	Description of the price.	Blue Book	1-R	
8.300.25	Price	1	X(17)	CTP View B5	Documented pricing.	1.28	1-R	
8.300.30	Price Unit of Measure	1	XX	CTP View B5	Unit of measure for price.	PE	1-R	
8.300.32	Type of Price	1	X(10)	REF View B5	Code designating type of Price or Cost being communicated in this pricing column. This field is intended to indicate if this is a resale Price, or a distributor Cost column. Valid codes are published in the "NEMA Industry Code Table" document. Example Type of Price codes: Code Type of Price ======= ========== NETPP0 Resale Suggested Price NETPP1 Alternate Resale NETPP2 Alternate Resale NETPP3 Alternate Resale NETPC0 Distributor Cost NETPC1 Alternate Cost NETPC2 Alternate Cost NETPC3 Alternate Cost	NETPP0	1-R	

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8.0 Product Pricing Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
8.300.33	Class of Trade	1	X(10)	REF View B5	This is a code designating the Class of Trade associated with this price. Valid codes are published in the "NEMA Industry Code Table" document. Example Class of Trade codes: Code Class Trade ======= ====================== NECTDIS Distributor published NECTUSR End User suggested NECTIND Industrial suggested NECTCON Construction suggested NECTCOM Commercial suggested NECTNET Distributor Net Note: The examples above are only a sample of the Class of Trade code types available. NEMA will publish the complete Industry Code Table used for implementation.	NECTDIS	1-R	
8.300.34	Legacy Column Number	1	XX	REF View B5	Cross-reference from the Manufacturer assigned Class of Trade code to the traditional Column One, Column Two, or Column Three price codes. L - List Price T1 - Trade Price Column 1 T2 - Trade Price Column 2 T3 - Trade Price Column 3 C - Published Distributor Cost	T1	1-O	This column number has traditionally been provided by an industry third party service.

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8.0 Product Pricing Information (cont.)

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
8.300.36	Price Break Type	1	X	REF View B5	Describes type of price break. "P" - Package level (case / pallet) break "Q" - Quantity break "V" - Value (monetary / dollar) break "W" - Weight break	Q	1-O	Only supplied when this price column is described in terms of quantity / price breaks.
8.300.40	Price Break Unit of Measure	1	XX	CTB View B5	Unit of measure identifying the type of price break. This field can be used to specify the units associated with a quantity break.	EA	1-O	Required if Price Break Type (Field 8.300.36) is used.
8.300.41	Price Break Column Number	1	XX	REF View B5	Example values are "1," "2," "3," etc. Price break quantities should be listed from lowest quantity break to highest quantity break.	1	1-O	Required if Price Break Type (Field 8.300.36) is used.
8.300.43	Price Break Beginning Quantity	1	X(15)	CTB View B5	Quantity or monetary value associated with a price break. (This field is paired with the Price when quantity/ value price breaks apply.)	1	1-O	Required if Price Break Type (Field 8.300.36) is used.
8.300.44	Price Break Ending Quantity	1	X(15)	CTB View B5	Quantity or monetary value associated with a price break. (This field is paired with the Price when quantity/ value price breaks apply.)	99	F	
8.400	Price Package Level SCC-14	1	X(14)	LIN View B5	This is the SCC-14 (Shipping Container Code) used to identify the package level associated to this price.	30099977543214	1-R	When Price Break Type of "P" is used, then the SCC-14 is required.

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9.0 Assortments, Kits, Deals, & Systems

A manufacturer may choose to sell a consumer unit consisting of an assortment (multiple colors or styles packaged together). Other examples are kits (a standard set of complementary products), deals (a set of multiple products offered as a special promotion), or systems (a set of multiple products designed to meet specific requirements).

NEMA #	Name	Freq	Format	832	Definition	Sample	Phase	Implementation
NOTE: The following eight fields may be repeated together as a sub group for each component within the kit/deal/system.								
9.010	Use Code	>1	XX	PID View B6	Code defining the use of this component. Refer to the NEMA Industry Code Table for valid values. See examples below.	M	F	
9.100	Containing U.P.C.	>1	X(12)	SLN View B6	U.P.C. (1-5-5-1) of the component item.	099977882554	F	
9.105	Containing EAN	>1	X(13)	SLN View B6	EAN (2-5-5-1) of the component item.	0999778825542	F	
9.110	Containing Catalog Number	>1	X(40)	SLN View B6	Seller catalog number for the component item.	K5231	F	
9.120	Quantity	>1	X(15)	SLN View B6	Quantity of the component part within the main part.	4	F	
9.125	Quantity Unit of Measure	1	XX	SLN View B6	Unit of Measure for Quantity.	EA	F	
9.130	Description	>1	X(40)	LIN View B6	Description for the component part.	Installation screws	F	
9.140	Original Manufacturer of Goods	>1	X(35)	MTX View B6	This field can be used to designate the name of original manufacturer of the product if different from the seller.		F	

Use Codes	Type	Description
M	Merchandiser item	This item is one component of the parent merchandiser.
K1	Kit (single package)	This item is contained in the parent item. All components ship as one unit.
K2	Kit (multi package)	This item is contained in the parent item. Items may ship as separate units.
R	Replacement Part List	This item is a replacement component for the parent item.
A	Associated Items	This item "goes with" or can be used with the parent item.
D	Deals	This item is sold as part of the parent item (deals/promotions).
S	System	This item is part of the parent system.
O	Other	

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PDD Data Structure

This section of the document discusses the structure used when exchanging the PDD information. Below is an example of an exchange, followed by a discussion of the repeating portions of the structure.

Seller Information ABC Manufacturing (1.0)	This example shows ABC Manufacturing with one Division.
.....Seller Contact Information (3.0)	Contact information at the Company level.
.....Seller Text (4.0)	Seller text information at the Company level.
.....Division 1 Information (2.0)	
.....Seller Contact Information (3.0)	It shows several contact records for Division 1.
Sales Contact and Phone	
Technical Contact and Phone	
.....Seller Text (4.0)	It shows multiple examples of seller text information for Division 1.
Seller Ordering Restrictions	
Seller General Policy on Returns	
.....Product Information (5.0)	It shows extensive information about Item 100, emphasizing the fields that can repeat within each item.
Item 100	
.....Replaced (5.160)	
Replaced Product 90	Item 100 is replacing Product 90 and Product 91.
Replaced Product 91	
.....Certification (5.290.10, 5.290.20)	
UL Certification Information	
.....Packaging Language Code (5.350)	
English	
Spanish	
.....% Made (5.400.10, 5.400.20)	
90% USA	
10% CAN	
.....Special Charge (Restocking 20%) (5.410.10- 5.410.30)	
.....Product Text Information (6.0)	
Catalog Description (6.110)	
Invoice Description (6.110)	
Shipping Restrictions (6.110)	
.....Product Packaging Information (7.0)	
Pallet Information (7.100)	
Case Information (7.100)	
Each Information (7.100)	
.....Pricing Information (8.0)	
.....Price Schedule (Blue Book) (8.130 - 8.300.30)	
.....Qty Breaks (1 - 500) (8.300.40 – 8.300.44)	
.....Qty Breaks (500 - 1000)	
.....Product Information (5.0)	
Item 200	And now all the information would follow for Item 200.
etc. (Product Information for Item 200)	

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Data Definition Section	Description	Comments	Structure
1.0	Seller Information	There should be one record of Seller Information per manufacturer.	Seller
2.0	Seller Divisional Information	They may be multiple records of optional sellers divisional information.	Seller ...Division
3.0	Seller Contact Information	The Seller Contact records should be repeated as often as required. They may be repeated with the Divisional field left blank, indicating that the contact information refers to the Seller corporation, or may contain divisional identification indicating that this seller contact information is for a division of the corporation.	Seller ...Seller Contact ...Division .....Seller Contact
4.0	Seller Text Information	The text records pertaining to the corporation or division as a whole can be repeated as necessary.	Seller ...Seller Text ...Division .....Seller Text
5.0	Product Information	The Product Information can be repeated for each product referenced by the manufacturer. Most fields appear once per product. Fields that need to be repeated within the item are listed below to assist in clarity.	Seller ...Product
5.160	Replaced	Within each Product Information record, a new item can replace one or more old items. This field may be repeated.	Seller ...Product .....Replaced
5.290.10 5.290.20	Certification Agency Certification Number	Within each Product Information record, an item can have one or more certifications. These fields may be repeated as a subgroup.	Seller ...Product .....Certification
5.350	Packaging Language Code	Within each Product Information record, an item can have one or more languages supported on its labeling. This field may be repeated.	Seller ...Product .....Language Code
5.400.10 5.400.20	Country Made Percent Country Made Code	Within each Product Information record, these fields may be repeated as a subgroup.	Seller ...Product .....% Made
5.410.10 5.410.20 5.410.30	Special Charge Description Special Charge Percent Special Charge Amount	Within each Product Information record, to support multiple types of special charges per item, these fields may be repeated as a subgroup.	Seller ...Product .....Special Charge
6.0	Product Text Information	Within each Product Information record, this is a multi-field group, which can be repeated as often as required for each item.	Seller ...Product .....Product Text

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Data Definition Section	Description	Comments	Structure
7.0	Product Packaging Information	Within each Product Information record, this is a multi-field group, which permits the description of different types of packaging for each item. The fields may be repeated as a subgroup.	Seller ...Product .....Packaging
8.0	Product Pricing Information	Within each Product Information record, this is a multi-field group, which permits different levels of pricing to be communicated. This group of fields may be repeated as required.	Seller ...Product .....Price Info
8.300.10 8.300.20 8.300.25 8.300.30 8.300.32 8.300.33 8.300.36 8.300.40 8.300.41 8.300.43 8.300.44	Price Column Code Price Column Description Price Price Unit of Measure Price Type Price Class of Trade Price Break Type Price Break Unit of Measure Price Break Column Number Price Break Beginning Quantity Price Break Ending Quantity	Within each Product Pricing group, this multi-field subgroup may be repeated allowing multiple price schedules.	Seller ...Product .....Price Info .....Qty Breaks .....Qty Breaks
9.0	Kits, Deals, & Systems	Within each Product Information record, this is a multi-field subgroup, which may be repeated.	Seller ...Product .....Kits

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