

DXA1

Hazardous Location



Main Advantages

- CSA and ATEX hazardous listings
- Robust metal casings withstand harsh environments
- Spring-loaded, butt-style contacts provide superior performance
- Dual pawls with locking feature for secure connections

- Features and Ratings p. 172
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PRODUCT FEATURES



Locking Provision

For insertion of locking pin (or padlock) to prevent inadvertent disconnection (Standard).

Metal Casing

Provides excellent durability and protection.

Lid

Provides additional protection from harsh environments.

IP66/IP67 Watertightness

Environmental rating is achieved as soon as the plug is latched to the receptacle. There is no additional ring to tighten.

Silver-Nickel Contacts

Silver-nickel contact material provides superior conductivity, durability and corrosion resistance.

Spring-Loaded Butt-Style Contacts

Ensures optimal contact force and superior electrical performance over thousands of operations.

Hazardous Location Listings (CSA or ATEX)

CSA 	ATEX 
Ex de IIC T*Gb	II 2 G D Ex de IIC T*Gb Ex tb IIIC T* Db
Ex tb IIIC T*Db	-55°C ←Ta← 40°C T6 T68°C
Class I Zone I AEx de IIC T*Gb	-55°C ←Ta← 60°C T5 T88 °C
Zone 21 AEx td T*Db	LCIE 15 ATEX 3033 / IECEx LCIE 15.0030
Class I Division 2 Gr A,B,C,D	
Class II Division 2 Gr E,F,G	
-55°C ←Ta← 40°C T6 T68°C	
-55°C ←Ta← 60°C T5 T88 °C	

NOM listing available. Contact [MELTRIC Engineering](#) for more information.

The DXA1 product line is similar to the DXN, but uses a larger casing made of aluminum and equipped with dual pawls for use in more abusive and colder environments.



DXA1 Hazardous Location - 20 A

Certifications

- **Max Amperage & Voltage**
20 A, 600 VAC, 60 Hz
- **Current Interruption Capacity**
For current interrupting (AC)
- **Horsepower Ratings**

120 V	1Ø	.75 hp
240 V	1Ø	2 hp
208 V	3Ø	3 hp
240 V	3Ø	3 hp
480 V	3Ø	10 hp
600 V	3Ø	10 hp
- **Short Circuit Rating**
25 kA Close & Withstand
Testing was performed with RK1 30 A fuse sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
Note: Consult NEC for Short Circuit limits.
- **Environmental Ratings**
IP66/IP67
- **Temperature Range**
Min -67°F/Max 140°F
See pg 260 for temperatures outside this range.
- **Wiring Capacity**
Based on THHN wire sizes.
Min 16 AWG Max 10 AWG
- **Applicable Standards**
CSA C22.2 No. 182.1
- **Hazardous Location Ratings**
-55°C ≤ Ta ≤ +60°C
Ex de IIC T5 Gb Ex tb IIIC T88°C Db
Class I Zone1 AEx de IIC T5 Gb
Zone 21 AEx td T88°C Db
Class I Div 2 Gr A,B,C,D
Class II Div 2 Gr E,F,G
cCSAus 00.114406X

[Suffix #]	Threaded
-34	3/4"

Note: Connector and Plug come standard with 1/2"

Receptacle (female)



or

Inlet (male)



Devices rated for hazardous locations are not returnable.

North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	28-A4165	28-A8165
125 V	1P+N+G	28-A4075	28-A8075
208 V	2P+G	28-A4162	28-A8162
208 V	3P+G	28-A4163	28-A8163
208 V	3P+N+G	28-A4167	28-A8167
250 V	2P+G	28-A4072	28-A8072
250 V	3P+G	28-A4073	28-A8073
250 V	2P+N+G	28-A4076	28-A8076
277 V	1P+N+G	28-A4045	28-A8045
480 V	2P+G	28-A4042	28-A8042
480 V	3P+G	28-A4043	28-A8043
480 V	3P+N+G	28-A4047	28-A8047
600 V	2P+G	28-A4142	28-A8142
600 V	3P+G	28-A4143	28-A8143
600 V	3P+N+G	28-A4147	28-A8147

For international configurations (ATEX/IECEx) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Connector (female)



or

Plug (male)



North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	28-A3165	28-A1165
125 V	1P+N+G	28-A3075	28-A1075
208 V	2P+G	28-A3162	28-A1162
208 V	3P+G	28-A3163	28-A1163
208 V	3P+N+G	28-A3167	28-A1167
250 V	2P+G	28-A3072	28-A1072
250 V	3P+G	28-A3073	28-A1073
250 V	2P+N+G	28-A3076	28-A1076
277 V	1P+N+G	28-A3045	28-A1045
480 V	2P+G	28-A3042	28-A1042
480 V	3P+G	28-A3043	28-A1043
480 V	3P+N+G	28-A3047	28-A1047
600 V	2P+G	28-A3142	28-A1142
600 V	3P+G	28-A3143	28-A1143
600 V	3P+N+G	28-A3147	28-A1147

Cord grip not included. Sizes are determined by the cable diameter. Select hazardous cord grip from Cord Grip section, pg 232.

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Receptacle/30° Angle
(female)


or

Inlet/30° Angle
(male)

North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	28-A7165	28-A9165
125 V	1P+N+G	28-A7075	28-A9075
208 V	2P+G	28-A7162	28-A9162
208 V	3P+G	28-A7163	28-A9163
208 V	3P+N+G	28-A7167	28-A9167
250 V	2P+G	28-A7072	28-A9072
250 V	3P+G	28-A7073	28-A9073
250 V	2P+N+G	28-A7076	28-A9076
277 V	1P+N+G	28-A7045	28-A9045
480 V	2P+G	28-A7042	28-A9042
480 V	3P+G	28-A7043	28-A9043
480 V	3P+N+G	28-A7047	28-A9047
600 V	2P+G	28-A7142	28-A9142
600 V	3P+G	28-A7143	28-A9143
600 V	3P+N+G	28-A7147	28-A9147

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Receptacle/Wall Box
(female)


or

Inlet/Wall Box
(male)

North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	28-A0165	28-A6165
125 V	1P+N+G	28-A0075	28-A6075
208 V	2P+G	28-A0162	28-A6162
208 V	3P+G	28-A0163	28-A6163
208 V	3P+N+G	28-A0167	28-A6167
250 V	2P+G	28-A0072	28-A6072
250 V	3P+G	28-A0073	28-A6073
250 V	2P+N+G	28-A0076	28-A6076
277 V	1P+N+G	28-A0045	28-A6045
480 V	2P+G	28-A0042	28-A6042
480 V	3P+G	28-A0043	28-A6043
480 V	3P+N+G	28-A0047	28-A6047
600 V	2P+G	28-A0142	28-A6142
600 V	3P+G	28-A0143	28-A6143
600 V	3P+N+G	28-A0147	28-A6147

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Accessories & Options


Inlet Cap

Part #

28-1A426

Receptacle
Lockout Pin

Part #

LP-843

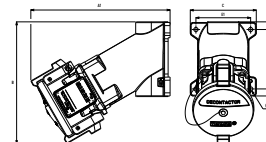
Finger
Drawplates

Part #

28-1A346

(SUFFIX #)	THREADED LOCATION
12T	1/2" Top
34T	3/4" Top
34B	3/4" Bottom

Note: Receptacle/Wall Box & Inlet/Wall Box come standard with 1/2" on bottom

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! Contact MELTRIC Engineering for DXA1 dimensions.