

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. 180
- DXA1 20 A p. 181

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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 Engineering for more information.

The DXA 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 254 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"

Devices rated for hazardous locations are not returnable.

Receptacle
(female)



or

Inlet
(male)



North American Configurations

VOLTAGE	POLARITY	PART # METAL	PART # METAL
120 V	1P+N+G	28-14165	28-18165
125 V	1P+N+G	28-14075	28-18075
208 V	2P+G	28-14162	28-18162
208 V	3P+G	28-14163	28-18163
208 V	3P+N+G	28-14167	28-18167
250 V	2P+G	28-14072	28-18072
250 V	3P+G	28-14073	28-18073
250 V	2P+N+G	28-14076	28-18076
277 V	1P+N+G	28-14045	28-18045
480 V	2P+G	28-14042	28-18042
480 V	3P+G	28-14043	28-18043
480 V	3P+N+G	28-14047	28-18047
600 V	2P+G	28-14142	28-18142
600 V	3P+G	28-14143	28-18143
600 V	3P+N+G	28-14147	28-18147

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	28-13165	28-11165
125 V	1P+N+G	28-13075	28-11075
208 V	2P+G	28-13162	28-11162
208 V	3P+G	28-13163	28-11163
208 V	3P+N+G	28-13167	28-11167
250 V	2P+G	28-13072	28-11072
250 V	3P+G	28-13073	28-11073
250 V	2P+N+G	28-13076	28-11076
277 V	1P+N+G	28-13045	28-11045
480 V	2P+G	28-13042	28-11042
480 V	3P+G	28-13043	28-11043
480 V	3P+N+G	28-13047	28-11047
600 V	2P+G	28-13142	28-11142
600 V	3P+G	28-13143	28-11143
600 V	3P+N+G	28-13147	28-11147

Cord grip not included. sizes are determined by the cable diameter. Select hazardous cord grip from Cord Grip section, pg 160.

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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	28-17165	28-19165
125 V	1P+N+G	28-17075	28-19075
208 V	2P+G	28-17162	28-19162
208 V	3P+G	28-17163	28-19163
208 V	3P+N+G	28-17167	28-19167
250 V	2P+G	28-17072	28-19072
250 V	3P+G	28-17073	28-19073
250 V	2P+N+G	28-17076	28-19076
277 V	1P+N+G	28-17045	28-19045
480 V	2P+G	28-17042	28-19042
480 V	3P+G	28-17043	28-19043
480 V	3P+N+G	28-17047	28-19047
600 V	2P+G	28-17142	28-19142
600 V	3P+G	28-17143	28-19143
600 V	3P+N+G	28-17147	28-19147

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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	28-10165	28-16165
125 V	1P+N+G	28-10075	28-16075
208 V	2P+G	28-10162	28-16162
208 V	3P+G	28-10163	28-16163
208 V	3P+N+G	28-10167	28-16167
250 V	2P+G	28-10072	28-16072
250 V	3P+G	28-10073	28-16073
250 V	2P+N+G	28-10076	28-16076
277 V	1P+N+G	28-10045	28-16045
480 V	2P+G	28-10042	28-16042
480 V	3P+G	28-10043	28-16043
480 V	3P+N+G	28-10047	28-16047
600 V	2P+G	28-10142	28-16142
600 V	3P+G	28-10143	28-16143
600 V	3P+N+G	28-10147	28-16147

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Accessories & Options


Inlet Cap

Part #

28-1A426

Receptacle
Lockout Pin

Part #

LP-843

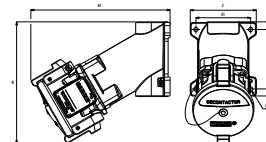
Finger
Drawplates

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.