

DXA1

Hazardous Location plug and receptacle

Main Advantages

- ▶ CSA & 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 & Ratings p. 199
- ▶ DXA1 20 p. 200

PRODUCT FEATURES



Locking Provision

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

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	



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.

Hazardous Location Plugs & Receptacles – 20A

Devices rated for hazardous locations are not returnable.

cCSAus Certifications

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

120V	1Ø	1/2 hp
240V	3Ø	2 hp
480V	3Ø	5 hp
600V	3Ø	5 hp
- Short Circuit Rating**
25kA Close & Withstand
Testing was performed with RK1 30A 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
- Wiring Capacity**
Min 16 AWG Max 10 AWG
* Based on THHN wire sizes
- 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

XXX Suffix

XXX (Suffix #)	Threaded NPT
-12	1/2"
-34	3/4"

Receptacle Female



or

Inlet Male



North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2914165	2918165
125V	1P+N+G	2914075	2918075
208V	2P+G	2914162	2918162
208V	3P+G	2914163	2918163
208V	3P+N+G	2914167	2918167
250V	2P+G	2914072	2918072
250V	3P+G	2914073	2918073
250V	2P+N+G	2914076	2918076
277V	1P+N+G	2914045	2918045
480V	2P+G	2914042	2918042
480V	3P+G	2914043	2918043
480V	3P+N+G	2914047	2918047
600V	2P+G	2914142	2918142
600V	3P+G	2914143	2918143
600V	3P+N+G	2914147	2918147

For international configurations (ATEX/IECEX) visit meltric.com/international-catalog or contact customer service at 800.433.7642.

Connector Female



or

Plug Male



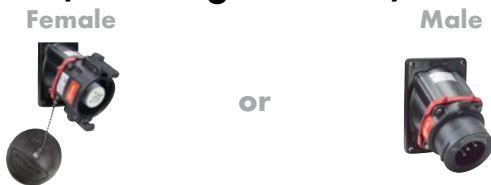
North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2913165XX	2911165XX
125V	1P+N+G	2913075XX	2911075XX
208V	2P+G	2913162XX	2911162XX
208V	3P+G	2913163XX	2911163XX
208V	3P+N+G	2913167XX	2911167XX
250V	2P+G	2913072XX	2911072XX
250V	3P+G	2913073XX	2911073XX
250V	2P+N+G	2913076XX	2911076XX
277V	1P+N+G	2913045XX	2911045XX
480V	2P+G	2913042XX	2911042XX
480V	3P+G	2913043XX	2911043XX
480V	3P+N+G	2913047XX	2911047XX
600V	2P+G	2913142XX	2911142XX
600V	3P+G	2913143XX	2911143XX
600V	3P+N+G	2913147XX	2911147XX

Cord grip not included. NPT sizes are determined by the cable diameter. Select hazardous cord grip from Cord Grip section, pg 179.




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Receptacle/30° Angle Inlet/30° Angle



North American Configurations

Accessories & Options

	Inlet Cap
Part #	29-1A426
	Receptacle Lockout Pin
Part #	LP-843
	Finger Drawplates
Part #	291A346

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2917165	2919165
125V	1P+N+G	2917075	2919075
208V	2P+G	2917162	2919162
208V	3P+G	2917163	2919163
208V	3P+N+G	2917167	2919167
250V	2P+G	2917072	2919072
250V	3P+G	2917073	2919073
250V	2P+N+G	2917076	2919076
277V	1P+N+G	2917045	2919045
480V	2P+G	2917042	2919042
480V	3P+G	2917043	2919043
480V	3P+N+G	2917047	2919047
600V	2P+G	2917142	2919142
600V	3P+G	2917143	2919143
600V	3P+N+G	2917147	2919147

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Receptacle/Wall Box Inlet/Wall Box

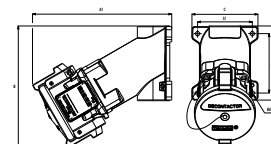


North American Configurations

XXY Suffix

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2910165XXY	2916165XXY
125V	1P+N+G	2910075XXY	2916075XXY
208V	2P+G	2910162XXY	2916162XXY
208V	3P+G	2910163XXY	2916163XXY
208V	3P+N+G	2910167XXY	2916167XXY
250V	2P+G	2910072XXY	2916072XXY
250V	3P+G	2910073XXY	2916073XXY
250V	2P+N+G	2910076XXY	2916076XXY
277V	1P+N+G	2910045XXY	2916045XXY
480V	2P+G	2910042XXY	2916042XXY
480V	3P+G	2910043XXY	2916043XXY
480V	3P+N+G	2910047XXY	2916047XXY
600V	2P+G	2910142XXY	2916142XXY
600V	3P+G	2910143XXY	2916143XXY
600V	3P+N+G	2910147XXY	2916147XXY

XXY (Suffix #)	Threaded NPT	Location
12T	1/2"	Top
12B	1/2"	Bottom
34T	1/2"	Top
34B	1/2"	Bottom



! Contact MELTRIC Engineering for DXA1 dimensions.

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