

# DXA1

## Hazardous Location Plug and Receptacle

### 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 & Ratings** p. 188
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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	

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

## Hazardous Location Plugs & Receptacles – 20 A

Devices rated for hazardous locations are not returnable.

### Certifications

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

120V	1Ø	.75 hp
240V	1Ø	2 hp
208V	3Ø	3 hp
240V	3Ø	3 hp
480V	3Ø	7.5 hp
600V	3Ø	7.5 hp
- Short Circuit Rating**  
25kA 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 258 for temps below -15°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

(Suffix #)	Threaded NPT
-34	3/4"

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

### Receptacle (female)



or

### Inlet (male)



### North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2814165	2818165
125V	1P+N+G	2814075	2818075
208V	2P+G	2814162	2818162
208V	3P+G	2814163	2818163
208V	3P+N+G	2814167	2818167
250V	2P+G	2814072	2818072
250V	3P+G	2814073	2818073
250V	2P+N+G	2814076	2818076
277V	1P+N+G	2814045	2818045
480V	2P+G	2814042	2818042
480V	3P+G	2814043	2818043
480V	3P+N+G	2814047	2818047
600V	2P+G	2814142	2818142
600V	3P+G	2814143	2818143
600V	3P+N+G	2814147	2818147

For international configurations (ATEX/IECEx) visit [meltrc.com/international-catalog](http://meltrc.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	2813165	2811165
125V	1P+N+G	2813075	2811075
208V	2P+G	2813162	2811162
208V	3P+G	2813163	2811163
208V	3P+N+G	2813167	2811167
250V	2P+G	2813072	2811072
250V	3P+G	2813073	2811073
250V	2P+N+G	2813076	2811076
277V	1P+N+G	2813045	2811045
480V	2P+G	2813042	2811042
480V	3P+G	2813043	2811043
480V	3P+N+G	2813047	2811047
600V	2P+G	2813142	2811142
600V	3P+G	2813143	2811143
600V	3P+N+G	2813147	2811147

Cord grip not included. NPT sizes are determined by the cable diameter. Select hazardous cord grip from Cord Grip section, pg 168.

For international configurations (ATEX/IECEx) visit [meltrc.com/international-catalog](http://meltrc.com/international-catalog) or contact customer service at 800-433-7642.

## Receptacle/30° Angle (female)      Inlet/30° Angle (male)



### North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2817165	2819165
125V	1P+N+G	2817075	2819075
208V	2P+G	2817162	2819162
208V	3P+G	2817163	2819163
208V	3P+N+G	2817167	2819167
250V	2P+G	2817072	2819072
250V	3P+G	2817073	2819073
250V	2P+N+G	2817076	2819076
277V	1P+N+G	2817045	2819045
480V	2P+G	2817042	2819042
480V	3P+G	2817043	2819043
480V	3P+N+G	2817047	2819047
600V	2P+G	2817142	2819142
600V	3P+G	2817143	2819143
600V	3P+N+G	2817147	2819147

For international configurations (ATEX/IECEx) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800-433-7642.

## Receptacle/Wall Box (female)      Inlet/Wall Box (male)






### North American Configurations

Voltage	Polarity	Part # Metal	Part # Metal
120V	1P+N+G	2810165	2816165
125V	1P+N+G	2810075	2816075
208V	2P+G	2810162	2816162
208V	3P+G	2810163	2816163
208V	3P+N+G	2810167	2816167
250V	2P+G	2810072	2816072
250V	3P+G	2810073	2816073
250V	2P+N+G	2810076	2816076
277V	1P+N+G	2810045	2816045
480V	2P+G	2810042	2816042
480V	3P+G	2810043	2816043
480V	3P+N+G	2810047	2816047
600V	2P+G	2810142	2816142
600V	3P+G	2810143	2816143
600V	3P+N+G	2810147	2816147

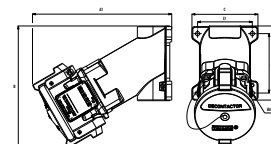
For international configurations (ATEX/IECEx) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800-433-7642.

### Accessories & Options

	Inlet Cap
Part #	281A426
	Receptacle Lockout Pin
Part #	LP-843
	Finger Drawplates
Part #	281A346

(Suffix #)	Threaded NPT	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" NPT on bottom



**!** Contact MELTRIC Engineering for DXA1 dimensions.