

DXN30



DXN – 30A Hazardous Location Plugs & Receptacles

Ratings

- **Voltage**
600 VAC
- **Current Interruption Capability**
For current interrupting (AC)
- **Environmental Ratings**
IP66+IP67
- **Wiring Capacity**
Min 12 AWG Max 6 AWG
Aux Contacts - Max 10 AWG
* Based on THHN wire sizes

- **Listings**
CSA, IECEx, ATEX
* For CE rated devices, contact customer service
- **DXN30 Ratings Label**

-40°C ≤ Ta ≤ +60°C
Class I Zone1 Ex de IIC T4 DIP A21 T98°C
Class I Zone1 AEx de IIC T4 ID 21 T98°C
Class I div 2 Gr IIC (A,B,C,D)
Class II div 2 Gr E,F,G
cCSAus 208161-1144106X

The CSA ratings are applicable for USA and Canada

- **Temperature Table**

Ambient Temperature	Gas	Dust
-40°F < Ta < 104°F	T6	T57°C
-40°F < Ta < 140°F	T5	T77°C

Receptacle (female)



Don't forget to add installation accessories to your order



Standard DXN30 lid opens to 120°

Inlet (male)



Hazardous Location rating terminology and labeling is different for CE marked products – contact customer service for part numbers if international ratings are desired.

Voltage	Polarity	Part # Poly
125V	1P+N+G	22-34075
208V	2P+G	22-34162
208V	3P+G	22-34163
208V	3P+N+G	22-34167
250V	2P+G	22-34072
250V	3P+G	22-34073
250V	2P+N+G	22-34076
277V	1P+N+G	22-34045
480V	2P+G	22-34042
480V	3P+G	22-34043
480V	3P+N+G	22-34047
600V	2P+G	22-34142
600V	3P+G	22-34143
600V	3P+N+G	22-34147

Voltage	Polarity	Part # Poly
125V	1P+N+G	22-38075
208V	2P+G	22-38162
208V	3P+G	22-38163
208V	3P+N+G	22-38167
250V	2P+G	22-38072
250V	3P+G	22-38073
250V	2P+N+G	22-38076
277V	1P+N+G	22-38045
480V	2P+G	22-38042
480V	3P+G	22-38043
480V	3P+N+G	22-38047
600V	2P+G	22-38142
600V	3P+G	22-38143
600V	3P+N+G	22-38147

Other voltage configurations are available – contact customer service at 800.433.7642.

Main Options



Padlock Pawl



Normally Closed Lid Configuration (unlatched)



180° Lid Opening (for connecting to wall mounted inlets)

See pgs 197-206 for detailed information on these options

Receptacle Options

Part

With 2 Auxiliary/Pilot Contacts*	Recept # - 972
Padlock Pawl	Recept # - 843
Metal Pawl on Poly Receptacle	Recept # - 924
Closed Lid Configuration	Recept # - R
180° Lid Opening	Recept # - 180

* Not available with 600V devices, use -972-S74 for 550VAC

Inlet Options

Part

With 2 Auxiliary/Pilot Contacts*	Inlet # - 972
No Lockout Hole	Inlet # - A155

How to Order



Option Spotlight

2 Auxiliary Contacts



2 auxiliary/pilot contacts can be added for signal or control circuits. Avoid the need for separate connectors.

To order add -972 to the inlet and receptacle part numbers.

Installation Accessories

Handles



For Zone 1/21 applications



For use with Class I/II Division 2 or Zone 1/21 fittings

Cable Range	Poly Handle w/Bushing ⁺	NPT	Poly Handle w/NPT***
.31 - .51	22-3A013-20P ⁺	3/4"	22-3A013-34***
.51 - .75	22-3A013-25P ⁺	1"	22-3A013-1***
.67 - .98	22-3A013-32P ⁺		
.95 - 1.26	22-3A013-40P ⁺		

⁺ ATEX rated for use in Zone 1/21, not listed for Class I or II, Division 2.

*** or use in Class I or II, Division 2 or Zone 1/21 depending on fitting used. Fitting manufactured by others.

NPT Guidelines

Cable Range	NPT
.438 - .812	3/4"

NPT sizes are determined by the cable diameter and third party cord grip.

Angles Wall Boxes



Nylon 30° Angle	NPT	Poly 30° Wall Box ⁺	Poly 30° Wall Box ⁺⁺	Poly 70° Wall Box
22-3A027	3/4"	22-3A023-34-T	22-3A023-34-B	22-3AB58

⁺ NPT thread on top

⁺⁺ NPT thread on bottom

⁺ Interior volume with receptacle installed.

Miscellaneous Accessories



Set of Two (2)



For Male Devices Only

Finger Drawplates	Protective Cap [*]
61-3A346	22-3A126

^{*} For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155).

Accessory Spotlight

Finger Drawplates



Finger drawplates are recommended for easier connector closure on cord to cord assemblies.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
22-38043 + 22-3A013-25P



Female Receptacle with Wall Box
22-34043 + 22-3A023-34-T