

DXN30 Hazardous Location Plugs & Receptacles – 30 A

Devices rated for hazardous locations are not returnable.

cCSAus Certifications DXN30

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

120 V	1Ø	1 hp
240 V	3Ø	5 hp
480 V	3Ø	10 hp
600 V	3Ø	15 hp
- Short Circuit Rating**
25 kA Close & Withstand
Testing was performed with RK1 70 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
- Wiring Capacity**
Min 14 AWG Max 6 AWG
Aux Contacts - Max 10 AWG
* Based on THHN wire sizes.
- Applicable Standards**
CSA C22.2 No. 182.1
- Hazardous Location Ratings**

-40°C ≤ Ta ≤ +60°C
Ex de IIC T5 Gb Ex tb IIIC T77°C Db
Class I Zone 1 AEx de IIC T5 Gb
Zone 21 AEx td T77°C Db
Class I Div 2 Gr A, B, C, D
Class II Div 2 Gr E, F, G
cCSAus 00.1144106X

Receptacle (female)



Standard DXN30 lid opens to 120°

Inlet (male)



! Receptacles & Inlets must be mounted to a DXN handle, angle or wall box

North American cCSAus Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120 V	1P+N+G	22-34165	22-38165
125 V	1P+N+G	22-34075	22-38075
208 V	2P+G	22-34162	22-38162
208 V	3P+G	22-34163	22-38163
208 V	3P+N+G	22-34167	22-38167
250 V	2P+G	22-34072	22-38072
250 V	3P+G	22-34073	22-38073
250 V	2P+N+G	22-34076	22-38076
277 V	1P+N+G	22-34045	22-38045
480 V	2P+G	22-34042	22-38042
480 V	3P+G	22-34043	22-38043
480 V	3P+N+G	22-34047	22-38047
600 V	2P+G	22-34142	22-38142
600 V	3P+G	22-34143	22-38143
600 V	3P+N+G	22-34147	22-38147

Receptacle Options	Suffix #	Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts*	Recept # - 972	With 2 Auxiliary/Pilot Contacts*	Inlet # - 972
Padlock Pawl	Recept # - 843	With No Lockout Hole	Inlet # - A155
Metal Pawl on Poly Receptacle	Recept # - 924	* Not available with 600 V devices, use -972-S74 for 550 VAC.	
Closed Lid Configuration	Recept # - R		
180° Opening Lid	Recept # - 180		

ATEX/IECEX Certifications DXN30

- Max Amperage & Voltage**
32 A, 750 VAC, 50 Hz
- Environmental** IP66/IP67
- Ambient Temp** -40°C to +60°C
- Hazardous Location Ratings**
ATEX/IECEX Zones 1 & 2, 21 & 22

MARECHAL ELECTRIC MAROMME
Ex de IIC T*Gb Ex tb IIIC T*Db
-40 °C ≤ TA ≤ +60 °C T5 T77 °C
-40 °C ≤ TA ≤ +40 °C T6 T57 °C
IECEX LC1 09.0006X / LCIE 05 ATEX 6149

See MELTRIC's International Catalog (online) for additional product information.

Receptacle

Inlet

IEC/CE Configurations (ATEX/IECEX)


Voltage	Polarity	Part # Poly	Part # Poly
20 - 24 V	2P	25-3408A	25-3808A
190 - 230 V	3P+E	25-34033	25-38033
220 - 250 V	1P+N+E	25-34015	25-38015
380 - 440 V	3P+E	25-34013	25-38013
380 - 440 V	3P+N+E	25-34017	25-38017
480 - 500 V	3P+E	25-34093	25-38093
480 - 500 V	3P+N+E	25-34097	25-38097


Receptacle Options	Suffix #	Receptacle Options	Suffix #
Padlock Pawl w/shaft for 2 locks	Recept # + 843	Self-returning Lid	Recept # + R
180° Opening Lid	Recept # + 10	180° Opening & Self-returning Lid	Recept # + 18
With 2 Auxiliary/Pilot Contacts*	Recept # + 972 Inlet # + 972		

INSTALLATION ACCESSORIES – SIZE 2

Accessories rated for hazardous locations are not returnable.

HANDLES


POLY HANDLE w/NPT		Part #	
	3/4"	22-3A013-34	For use in Class I or II Division 2 or Class 1 Zone 1 or Zone 21 depending on fitting used. Fitting manufactured by others.
	1"	22-3A013-1	


POLY HANDLE w/CORD GRIP w/Cable Range			
	.35 - .63"	252P0CPD	For use in Class I or II Division 2, Class I Zone I or Zone 21. -20°C ≤ Ta ≤ +85°C
	.51 - .71"	252P0CPC	
	.51 - .79"	252P0DPF	
	.71 - .98"	252P0DPE	

ANGLES

POLY ANGLE			
	30°	22-3A027	


MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES			
	61-3A346	Set of Two (2)	Recommended for cord to cord assembly applications, for easier connector closure.


PROTECTIVE INLET/PLUG CAP			
	22-3A426	For Inlets/Plugs Only.	

RECEPTACLE LOCKING PIN			
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.	


BOXES

POLY WALL BOX w/NPT		Part #	
	30° 3/4"	22-3A023-34-T	NPT Thread on top. * Interior volume with receptacle installed.

POLY WALL BOX w/NPT		Part #	
	30° 3/4"	22-3A023-34-B	NPT Thread on bottom * Interior volume with receptacle installed.


POLY ANGLE WITH METAL BOX w/NPT			
	70° 1/2"	222C7N05	NPT is drilled on top of metal box as standard. For NPT on side only, add an "L" suffix. To switch from top to bottom or left to right the box can be rotated. * Interior volume with receptacle installed.
	70° 3/4"	222C7N07	
	70° 1"	222C7N10	
	70° 1 1/4"	222C7N12	
	70° 1 1/2"	222C7N15	


NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.

POLY WALL BOX 120x120 w/o TERMINAL BLOCKS w/CORD GRIP			
	70° 1/2"	.20 - .35"	222C7BPJ
	70° 1/2"	.24 - .47"	222C7BPA
	70° 1/2"	.39 - .55"	222C7BPB
	70° 3/4"	.35 - .63"	222C7CPD
	70° 3/4"	.51 - .71"	222C7CPC
	70° 1"	.51 - .79"	222C7DPF
	70° 1"	.71 - .98"	222C7DPE


For use in Class I or II Division 2, Class I Zone I or Zone 21
1 hole with a poly cable gland.


HANDLES

POLY HANDLE w/POLY Cable Gland		Part #	
	10 - 14 mm	25-3A753	For use in Zones 1 & 2 Zones 21 & 22
	12 - 18 mm	25-3A783	
	16 - 25 mm	25-3A253-32P	
	22 - 32 mm	25-3A253-40P	


POLY HANDLE w/METAL Cable Gland			
	8 - 10 mm	25-3A253-20M	With Earth continuity
	12 - 14 mm	25-3A253-25M	
	18 - 24 mm	25-3A253-32M	


ANGLES


POLY ANGLE			
	30°	25-3A027	

POLY ANGLE			
	70°	25-3A757	For panel mounting. Not a replacement part for 70° wall box.

BOXES

POLY WALL BOX		Part #	
	30°	10 - 14 mm	25-3AB53
	30°	12 - 18 mm	25-3AB53-25P

POLY WALL BOX 120x120 w/o TERMINAL BLOCKS			
	70°	10 - 14 mm	25-3AB88-20P
	70°	12 - 18 mm	25-3AB88-25P
	70°	16 - 25 mm	25-3AB88-32P

POLY WALL BOX 120x120 w/10mm ² TERMINAL BLOCKS			
	70°	10 - 14 mm	25-3A088-20P
	70°	12 - 18 mm	25-3A088-25P

With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 10 mm² terminals blocks + 6 mm² wires, wiring 2.5 - 10 mm². For loop in loop out wiring.
-40°C ≤ Ta ≤ +60°C T5 T77°C
-40°C ≤ Ta ≤ +40°C T6 T57°C

HAZARDOUS LOCATION