

DXN30 Hazardous Location - 30 A

cSAus 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	1Ø	3 hp
208 V	3Ø	5 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
cSAus 00.1144106X

! Devices rated for hazardous locations are not returnable.

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

Receptacle (female)



Standard DXN30 lid opens to 120° and can be adjusted to 180°

Inlet (male)



North American cSAus 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		

ATEX/IECEx Certifications DXN3

- 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 T5 Gb Ex tb IIIC T77°C Db
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 LCI 09.0006X / LCI 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
With 2 Auxiliary/Pilot Contacts*	Recept # + 972	Inlet # + 972	

INSTALLATION ACCESSORIES – SIZE 2

Accessories rated for hazardous locations are not returnable.

HANDLES

POLY HANDLE WITH NPT		PART #	
	3/4" NPT	22-3A013-34	For use in Class I or II Division 2 or Class I Zone 1 or Zone 21 depending on fitting used. Fitting manufactured by others.
	1" NPT	22-3A013-1	
	1 1/4"	22-3A013-114	


POLY HANDLE WITH CORD GRIP WITH CABLE RANGE			
	.350-.630"	252P0CPD	For use in Class I or II Division 2, Class I Zone I or Zone 21. -20°C ≤ Ta ≤ +85°C
	.510-.710"	252P0CPC	
	.510-.790"	252P0DPF	
	.710-.980"	252P0DPE	


ANGLES

POLY ANGLE		
	30°	22-3A027


MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES		
	61-3A346	Set of Two (2) Recommended for all 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 WITH NPT		PART #	
	30° 3/4" NPT	22-3A023-34-T	NPT Thread on top. * Interior volume with receptacle installed.
			* 5.4 in ³

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

POLY ANGLE WITH METAL BOX WITH NPT			
	70° 1/2" NPT	222C7N05	NPT is drilled on top of metal box as standard. To switch from top to bottom the box can be rotated. * Interior volume with receptacle installed.
	70° 3/4" NPT	222C7N07	
	70° 1" NPT	222C7N10	
	70° 1 1/4" NPT	222C7N12	
	70° 1 1/2" NPT	222C7N15	
			* 74.6 in ³


For other configurations, contact Customer Service.


POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS WITH CORD GRIP			
	70° 1/2" NPT	.200-.350"	222C7BPJ
	70° 1/2" NPT	.240-.470"	222C7BPA
	70° 1/2" NPT	.390-.550"	222C7BPB
	70° 3/4" NPT	.350-.630"	222C7CPD
	70° 3/4" NPT	.510-.710"	222C7CPC
	70° 1" NPT	.510-.790"	222C7DPF
	70° 1" NPT	.710-.980"	222C7DPE
			For use in Class I or II Division 2, Class I Zone I or Zone 21 1 hole with a poly cable gland.
			* 82.0 in ³

IEC/CE Configurations (ATEX/IECEx)



IEC/CE accessories can only be used with IEC/CE devices.

HANDLES


POLY HANDLE WITH 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 WITH 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
	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 WITHOUT TERMINAL BLOCKS			
	70°	10-14 mm	25-3AB88-20P
	70°	12-18 mm	25-3AB88-25P
	70°	16-25 mm	25-3AB88-32P
			1 hole with a poly cable gland.

POLY WALL BOX 120X120 WITH 10MM2 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 mm ² terminals blocks + 6 mm ² wires, wiring 2.5 - 10 mm ² . For loop in loop out wiring. -40°C ≤ Ta ≤ +60°C T5 T77°C -40°C ≤ Ta ≤ +40°C T6 T57°C

HAZARDOUS LOCATION