

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**
* Based on THHN wire sizes.
Min 14 AWG Max 6 AWG
Aux Contacts - Max 10 AWG
- 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 Zone1 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	Without Lockout Hole	Inlet # -A155
Metal Pawl on Poly Receptacle	Recept # -924	* Not available with 600 V devices, use -972-S74 for 550 VAC.	
Self-Returning Lid (Manual Close)	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 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	253408A	253808A
190 - 230 V	3P+E	2534033	2538033
220 - 250 V	1P+N+E	2534015	2538015
380 - 440 V	3P+E	2534013	2538013
380 - 440 V	3P+N+E	2534017	2538017
480 - 500 V	3P+E	2534093	2538093
480 - 500 V	3P+N+E	2534097	2538097

RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts*	Recept # + 972	With 2 Auxiliary/Pilot Contacts*	Inlet # + 972
Padlock Pawl w/shaft for 2 locks	Recept # + 843	* Not available with 600 V devices, use -972-S74 for 550 VAC	
Self-Returning Lid (Manual Close)	Recept # + R		



Handle Option
Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 2

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

POLY HANDLE WITH NPT	PART #	
	3/4"	22-3A013-34
	1"	22-3A013-1
	1 1/4"	22-3A013-114
		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.

POLY HANDLE WITH CORD GRIP WITH CABLE RANGE		
	.350-.630"	252P0CPD
	.510-.710"	252P0CPC
	.510-.790"	252P0DPF
	.710-.980"	252P0DPE
		-20°C ≤ Ta ≤ +85°C

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"	22-3A023-34-T
		NPT Thread on top. * Interior volume with receptacle installed.

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

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

For other configurations, contact Customer Service.

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

! Accessories rated for hazardous locations are not returnable.

IEC/CE Accessories (ATEX/IECEX)

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

HANDLES

POLY HANDLE WITH POLY CABLE GLAND	PART #	
	10-14 mm	253A753
	12-18 mm	253A783
	16-25 mm	253A25332P
	22-32 mm	253A25340P

POLY HANDLE WITH METAL CABLE GLAND		
	8-10 mm	253A25320M
	12-14 mm	253A25325M
	18-24 mm	253A25332M
		With Earth continuity

ANGLES

POLY ANGLE		
	30°	253A027
	70°	253A757
		For panel mounting. Not a replacement part for 70° wall box.

BOXES

POLY WALL BOX	PART #	
	30° 10-14 mm	253AB53
	30° 12-18 mm	253AB5325P

POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS			
	70° 10-14 mm	253AB8820P	1 hole with a poly cable gland.
	70° 12-18 mm	253AB8825P	
	70° 16-25 mm	253AB8832P	

POLY WALL BOX 120X120 WITH 10MM ² TERMINAL BLOCKS			
	70° 10-14 mm	253A08820P	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
	70° 12-18 mm	253A08825P	