

# DXN20 Hazardous Location - 20 A

## cCSAus Certifications DXN20

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

120 V	1Ø	.75 hp
240 V	1Ø	2 hp
208 V	3Ø	3 hp
240 V	3Ø	3 hp
480 V	3Ø	10 hp
600 V	3Ø	10 hp
- Short Circuit Rating**  
25 kA 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
- Wiring Capacity**  
Min 16 AWG Max10 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 T90°C Db  
Class I Zone1 AEx de IIC T5 Gb  
Zone 21 AEx td T90°C Db  
Class I Div 2 Gr A,B,C,D  
Class II Div 2 Gr E,F,G  
cCSAus 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 DXN20 lid opens to 120° and can be adjusted to 180°

## Inlet (male)



## North American cCSAus Configurations

VOLTAGE	POLARITY	PART # POLY	PART # POLY
120 V	1P+N+G	22-14125-K16**	22-18125-K16**
125 V	1P+N+G	22-14075	22-18075
208 V	2P+G	22-14122-K16**	22-18122-K16**
208 V	3P+G	22-14123-K16**	22-18123-K16**
208 V	3P+N+G	22-14127-K16**	22-18127-K16**
250 V	2P+G	22-14072	22-18072
250 V	3P+G	22-14073	22-18073
250 V	2P+N+G	22-14076	22-18076
277 V	1P+N+G	22-14045	22-18045
480 V	2P+G	22-14042	22-18042
480 V	3P+G	22-14043	22-18043
480 V	3P+N+G	22-14047	22-18047
600 V	2P+G	22-14142	22-18142
600 V	3P+G	22-14143	22-18143
600 V	3P+N+G	22-14147	22-18147

RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
Padlock Pawl	Recept # -843	With No Lockout Hole	Inlet # -A155
Metal Pawl on Poly Receptacle	Recept # -924		
Closed Lid Configuration	Recept # -R		

\*\*Product has changed and will not mate with prior 22-1416x and 22-1816x 120 V and 208 V configurations. Please contact customer service if product will be used with devices purchased prior to January 31, 2021.

## ATEX/IECEX Certifications DXN1

- Max Amperage & Voltage**  
20 A, 550 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 II 2 G/D Ex de IIC T\*Gb  
Ex tb IIIC T\*Db  
-40 °C ≤ TA ≤ +60 °C T5 T90 °C  
-40 °C ≤ TA ≤ +40 °C T6 T70 °C  
IECEX LCI 09.0005X / LCIE 99 ATEX 6027X

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	25-1408A	25-1808A
190 - 230 V	3P+E	25-14033	25-18033
220 - 250 V	1P+N+E	25-14015	25-18015
380 - 440 V	3P+E	25-14013	25-18013
380 - 440 V	3P+N+E	25-14017	25-18017
480 - 500 V	3P+E	25-14093	25-18093
480 - 500 V	3P+N+E	25-14097	25-18097


RECEPTACLE OPTIONS	SUFFIX #	RECEPTACLE OPTIONS	SUFFIX #
Padlock Pawl w/shaft for 2 locks	Recept # + 843	Self-returning Lid	Recept # + R

## INSTALLATION ACCESSORIES – SIZE 1


Accessories rated for hazardous locations are not returnable.

### HANDLES


POLY HANDLE WITH NPT		PART #	
	1/2" NPT	22-1A013-12	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.
	3/4" NPT	22-1A013-34	


POLY HANDLE WITH CORD GRIP WITH CABLE RANGE		PART #	
	.240-.470"	251P0BPA	For use in Class I or II Division 2, Class I Zone I or Zone 21 -20°C ≤ Ta ≤ +85°C
	.390-.550"	251P0BPB	
	.350-.630"	251P0CPD	
	.510-.710"	251P0CPC	


### ANGLES

POLY ANGLE		PART #
	30 DEGREE	221A057


### MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		PART #	
		61-1A346	Set of Two (2) Recommended for all assembly applications, for easier connector closure.


PROTECTIVE INLET/PLUG CAP		PART #	
		22-1A426	For Inlets/Plugs Only.

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


### BOXES

POLY WALL BOX WITH NPT		PART #	
	30° 1/2" NPT	22-1A023-12-T	NPT Thread on top
	30° 3/4" NPT	22-1A023-34-T	* Interior volume with receptacle installed.

\* 4.5 in<sup>3</sup>


POLY WALL BOX WITH NPT		PART #	
	30° 1/2" NPT	22-1A023-12-B	NPT Thread on bottom
	30° 3/4" NPT	22-1A023-34-B	* Interior volume with receptacle installed.

\* 4.5 in<sup>3</sup>

POLY ANGLE WITH METAL BOX WITH NPT		PART #	
	70° 1/2" NPT	221C7N05	NPT is drilled on top of metal box as standard. To switch from top to bottom the box can be rotated.
	70° 3/4" NPT	221C7N07	
	70° 1" NPT	221C7N10	
	70° 1 1/4" NPT	221C7N12	
	70° 1 1/2" NPT	221C7N15	

\* 74.6 in<sup>3</sup>

For other configurations, contact Customer Service.


POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS WITH CORD GRIP		PART #	
	70° 1/2" NPT .200-.350"	221C7BPJ	For use in Class I or II Division 2, Class I Zone I or Zone 21
	70° 1/2" NPT .240-.470"	221C7BPA	
	70° 1/2" NPT .390-.550"	221C7BPB	1 hole with a poly cable gland.
	70° 3/4" NPT .350-.630"	221C7CPD	
	70° 3/4" NPT .510-.710"	221C7CPC	
	70° 1" NPT .510-.790"	221C7DPF	
	70° 1" NPT .710-.980"	221C7DPE	


\* 82.0 in<sup>3</sup>

### IEC/CE Configurations (ATEX/IECEX)



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

### HANDLES


POLY HANDLE WITH POLY CABLE GLAND		PART #	
	5-10 mm	25-1A253-16P	For use in Zones 1 & 2 Zones 21 & 22
	12-18 mm	25-1A253-25P	
	16-25 mm	25-1A253-32P	


POLY HANDLE WITH METAL CABLE GLAND		PART #	
	8-10 mm	25-1A253-20M	With Earth continuity
	12-14 mm	25-1A253-25M	
	18-24 mm	25-1A253-32M	


### ANGLES

POLY ANGLE		PART #	
	30°	25-1A057	
	70°	25-1A757	For panel mounting. Not a replacement part for 70° wall box.

### BOXES

POLY WALL BOX		PART #
	30° 5-10 mm	25-1AB53-16P
	30° 10-14 mm	25-1AB53
	30° 12-18 mm	25-1AB53-25P

POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS		PART #	
	70° 10-14 mm	25-1AB88-20P	1 hole with a poly cable gland.
	70° 12-18 mm	25-1AB88-25P	
	70° 16-25 mm	25-1AB88-32P	

POLY WALL BOX 120X120 WITH 4MM <sup>2</sup> TERMINAL BLOCKS		PART #	
	70° 10-14 mm	25-1A088-20P	With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm <sup>2</sup> terminals blocks + 2.5 mm <sup>2</sup> wires, wiring 1-4 mm <sup>2</sup> . For loop in loop out wiring.
	70° 12-18 mm	25-1A088-25P	

-40°C ≤ Ta ≤ +60°C T5 T90°C  
-40°C ≤ Ta ≤ +40°C T6 T70°C

HAZARDOUS LOCATION