

# DXN20 Hazardous Location - 20 A

# DXN20/DXN1

## cSAUs 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**  
Based on THHN wire sizes.  
Min 16 AWG Max10 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 T90°C Db  
Class I Zone1 AEx de IIC T5 Gb  
Zone 21 AEx dT T90°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 DXN20 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	22-14125-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	Without Lockout Hole	Inlet # -A155
Metal Pawl on Poly Receptacle	Recept # -924	**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.	
Self-Returning Lid (Manual Close)	Recept # -R		

## Receptacle

## Inlet

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

VOLTAGE	POLARITY	PART # POLY	PART # POLY
20 - 24 V	2P	251408A	251808A
190 - 230 V	3P+E	2514033	2518033
220 - 250 V	1P+N+E	2514015	2518015
380 - 440 V	3P+E	2514013	2518013
380 - 440 V	3P+N+E	2514017	2518017
480 - 500 V	3P+E	2514093	2518093
480 - 500 V	3P+N+E	2514097	2518097

RECEPTACLE OPTIONS	SUFFIX #
Padlock Pawl w/shaft for 2 locks	Recept # + 843
Self-Returning Lid (Manual Close)	Recept # + R

## 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 IIC 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.



Handle Option Guide  
pgs 237-238

# INSTALLATION ACCESSORIES – SIZE 1

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 #	DESCRIPTION
1/2"	22-1A013-12	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.
3/4"	22-1A013-34	

POLY HANDLE WITH CORD GRIP WITH CABLE RANGE	PART #	DESCRIPTION
.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°	22-1A057

## MISCELLANEOUS ACCESSORIES

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

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

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

## BOXES

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

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

POLY ANGLE WITH METAL BOX WITH NPT	PART #	DESCRIPTION
70° 1/2"	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"	221C7N07	
70° 1"	221C7N10	
70° 1 1/4"	221C7N12	
70° 1 1/2"	221C7N15	* Interior volume with receptacle installed.

For other configurations, contact Customer Service.

### POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS WITH CORD GRIP

ANGLE	CABLE RANGE	PART #	DESCRIPTION
70°	1/2" .200-.350"	221C7BPJ	For use in Class I or II Division 2, Class I Zone I or Zone 21
70°	1/2" .240-.470"	221C7BPA	
70°	1/2" .390-.550"	221C7BPB	1 hole with a poly cable gland.
70°	3/4" .350-.630"	221C7CPD	
70°	3/4" .510-.710"	221C7CPC	
70°	1" .510-.790"	221C7DPF	
70°	1" .710-.980"	221C7DPE	

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 #	DESCRIPTION
5-10 mm	251A25316P	For use in Zones 1 & 2 Zones 21 & 22
12-18 mm	251A25325P	
16-25 mm	251A25332P	

POLY HANDLE WITH METAL CABLE GLAND	PART #	DESCRIPTION
8-10 mm	251A25320M	With Earth continuity
12-14 mm	251A25325M	
18-24 mm	251A25332M	

## ANGLES

POLY ANGLE	PART #
30°	251A057

POLY ANGLE	PART #	DESCRIPTION
70°	251A757	For panel mounting. Not a replacement part for 70° wall box.

## BOXES

POLY WALL BOX	PART #
30° 5-10 mm	251AB5316P
30° 10-14 mm	251AB53
30° 12-18 mm	251AB5325P

POLY WALL BOX 120X120 WITHOUT TERMINAL BLOCKS	PART #	DESCRIPTION
70° 10-14 mm	251AB8820P	1 hole with a poly cable gland.
70° 12-18 mm	251AB8825P	
70° 16-25 mm	251AB8832P	

POLY WALL BOX 120X120 WITH 4MM2 TERMINAL BLOCKS	PART #	DESCRIPTION
70° 10-14 mm	251A08820P	With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm² terminals blocks + 2.5 mm² wires, wiring 1-4 mm². For loop in loop out wiring.
70° 12-18 mm	251A08825P	

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