

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**

Voltage	10	.75 hp
120 V	10	.75 hp
240 V	10	2 hp
208 V	30	3 hp
240 V	30	3 hp
480 V	30	10 hp
600 V	30	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 IIC 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	Without Lockout Hole	Inlet # -A155
Metal Pawl on Poly Receptacle	Recept # -924		
Self-Returning Lid (Manual Close)	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 de IIC T*Gb
Ex tb IIC 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	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



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 #	
	1/2"	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"	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 1 or Zone 21
	.390-.550"	251P0BPB	
	.350-.630"	251P0CPD	
	.510-.710"	251P0CPC	-20°C ≤ Ta ≤ +85°C

ANGLES

POLY ANGLE		PART #	
	30°	22-1A057	

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

! 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 #	
	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 #	
	8-10 mm	251A25320M	With Earth continuity
	12-14 mm	251A25325M	
	18-24 mm	251A25332M	

ANGLES

POLY ANGLE		PART #	
	30°	251A057	
	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 #	
	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 #	
	70° 10-14 mm	251A08820P	With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8+2E 4 mm ² terminals blocks + 2.5 mm ² wires, wiring 1-4 mm ² . 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