

DXN60 Hazardous Location - 60 A

cCSAus Certifications DXN60

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

120 V	1Ø	2 hp
240 V	1Ø	3 hp
208 V	3Ø	7.5 hp
240 V	3Ø	7.5 hp
480 V	3Ø	20 hp
600 V	3Ø	20 hp
- Short Circuit Rating**
25 kA Close & Withstand
Testing was performed with RK1 100 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 10 AWG Max 4 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 T4 Gb Ex tb IIIC T100°C Db
Class I Zone 1 AEx de IIC T4 Gb
Zone 21 AEx td T100°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 DXN60 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	22-64165	22-68165
125 V	1P+N+G	22-64075	22-68075
208 V	2P+G	22-64162	22-68162
208 V	3P+G	22-64163	22-68163
208 V	3P+N+G	22-64167	22-68167
250 V	2P+G	22-64072	22-68072
250 V	3P+G	22-64073	22-68073
250 V	2P+N+G	22-64076	22-68076
277 V	1P+N+G	22-64045	22-68045
480 V	2P+G	22-64042	22-68042
480 V	3P+G	22-64043	22-68043
480 V	3P+N+G	22-64047	22-68047
600 V	2P+G	22-64142	22-68142
600 V	3P+G	22-64143	22-68143
600 V	3P+N+G	22-64147	22-68147

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 600V devices, use -972-S74 for 550 VAC	
Self-Returning Lid (Manual Close)	Recept # -R		

Receptacle

Inlet

IEC/CE Configurations (ATEX/IECEX)

VOLTAGE	POLARITY	PART # POLY	PART # POLY
20 - 24 V	2P	256408A	256808A
190 - 230 V	3P+E	2564033	2568033
220 - 250 V	1P+N+E	2564015	2568015
380 - 440 V	3P+E	2564013	2568013
380 - 440 V	3P+N+E	2564017	2568017
480 - 500 V	3P+E	2564093	2568093
480 - 500 V	3P+N+E	2564097	2568097

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 600V devices, use -972-S74 for 550 VAC	
Self-Returning Lid (Manual Close)	Recept # + R		

ATEX/IECEX Certifications DXN60

- Max Amperage & Voltage**
63 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 II 2 G/D Ex de IIC T*Gb Ex tb IIIC T*Db
-40 °C ≤ TA ≤ +60 °C T4 T107 °C
-40 °C ≤ TA ≤ +40 °C T5 T87 °C
IECEX LCI 09.0007 / LCIE 05 ATEX 6150

See MELTRIC's International Catalog (online) for additional product information.

DXN60/DXN6

INSTALLATION ACCESSORIES – SIZE 3

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

Handle Option Guide pgs 237-238

HANDLES

POLY HANDLE WITH NPT	PART #	
1"	22-6A013-1	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		
.510-.790"	253P0DPF	For use in Class I or II Division 2, Class I Zone I or Zone 21. -20°C ≤ Ta ≤ +85°C
.710-.980"	253P0DPE	

ANGLES

POLY ANGLE	PART #
30°	22-6A027

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	
Set of Two (2)	61-6A346	Recommended for all assembly applications, for easier connector closure.
PROTECTIVE INLET/PLUG CAP		
	22-6A426	For Inlets/Plugs Only.
RECEPTACLE LOCKING PIN		
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.

BOXES

POLY WALL BOX WITH NPT	PART #	
NPT 30° 1"	22-6A023-1-T	NPT Thread on top. * Interior volume with receptacle installed. * 11.1 in ³
POLY WALL BOX WITH NPT		
NPT 30° 1"	22-6A023-1-B	NPT Thread on bottom. * Interior volume with receptacle installed. * 11.1 in ³
POLY ANGLE WITH METAL BOX WITH NPT		
70° 1/2"	223C7N05	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"	223C7N07	
70° 1"	223C7N10	
70° 1 1/4"	223C7N12	
70° 1 1/2"	223C7N15	
POLY WALL BOX 160X160 WITHOUT TERMINAL BLOCKS WITH CORD GRIP		
70° 3/4"	223C7CPD	For use in Class I or II Division 2, Class I Zone I or Zone 21 1 hole with a poly cable gland. * 177.4 in ³
70° 3/4"	223C7CPC	
70° 1"	223C7DPF	
70° 1"	223C7DPE	
70° 1 1/2"	223C7M40PG	
70° 1 1/2"	223C7M40PH	

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	256A25320P	For use in Zones 1 & 2 Zones 21 & 22.
12-18 mm	256A753	
16-25 mm	256A25332P	
22-32 mm	256A25340P	
POLY HANDLE WITH METAL CABLE GLAND		
8-10 mm	256A25320M	With Earth continuity.
12-14 mm	256A25325M	
18-24 mm	256A25332M	

ANGLES

POLY ANGLE	PART #	
30°	256A027	
70°	256A757	For panel mounting. Not a replacement part for 70° wall box.

BOXES

POLY WALL BOX	PART #	
30° 12-18 mm	256AB53	
POLY WALL BOX 160X160 WITHOUT TERMINAL BLOCKS		
70° 10-14 mm	256AB8820P	1 hole with a poly cable gland.
70° 12-18 mm	256AB8825P	
70° 16-25 mm	256AB8832P	
70° 22-32 mm	256AB8840P	
70° 10-14 mm	256A08820P	
POLY WALL BOX 160X160 WITH 16MM2 TERMINAL BLOCKS		
70° 10-14 mm	256A08825P	With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8 + 2E 16 mm ² terminal blocks + 16 mm ² wires, wiring 6 - 16 mm ² for loop in loop out wiring -40°C ≤ Ta ≤ +55°C T4 T105°C -40°C ≤ Ta ≤ +50°C T5 T95°C
70° 12-18 mm	256A08832P	
70° 16-25 mm	256A08832P	
70° 22-32 mm	256A08840P	
70° 22-32 mm	256A08840P	