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 Zone1 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		

ATEX/IECEx Certifications DXN6

- **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 II2 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 International Catalog (online) for additional product information.

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		

Handle Option Guide pgs 243-244

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.

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.
	.710-.980"	253P0DPE	
			-20°C ≤ Ta ≤ +85°C

ANGLES

POLY ANGLE			
	30°	22-6A027	

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-6A346	Set of Two (2) Recommended for all assembly applications, for facilitated mating.

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				
NPT * 11.1 in³	30°	1"	22-6A023-1-T	NPT Thread on top. * Interior volume with receptacle installed.

POLY WALL BOX WITH NPT				
NPT *11.1 in³	30°	1"	22-6A023-1-B	NPT Thread on bottom. * Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX WITH NPT			
* 177.7 in³	70°	1/2"	223C7N05
	70°	3/4"	223C7N07
	70°	1"	223C7N10
	70°	1 1/4"	223C7N12
	70°	1 1/2"	223C7N15

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.

For other configurations, contact Customer Service.

POLY WALL BOX 160X160 WITHOUT TERMINAL BLOCKS WITH CORD GRIP				
* 179.4 in³	70°	3/4"	.350-.630"	223C7CPD
	70°	3/4"	.510-.710"	223C7CPC
	70°	1"	.510-.790"	223C7DPF
	70°	1"	.710-.980"	223C7DPE
	70°	1 1/2"	.790-1.020"	223C7M40PG
	70°	1 1/2"	.870-1.260"	223C7M40PH

For use in Class I or II Division 2, Class I Zone I or Zone 21

1 hole with a poly cable gland.

! Accessories rated for hazardous locations are not returnable.

HAZARDOUS LOCATION

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
	12-14 mm	256A25325M
	18-24 mm	256A25332M

With Earth continuity.

ANGLES

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

BOXES

POLY WALL BOX			
	30°	12-18 mm	256AB53

POLY WALL BOX 160X160 WITHOUT TERMINAL BLOCKS			
	70°	10-14 mm	256AB8820P
	70°	12-18 mm	256AB8825P
	70°	16-25 mm	256AB8832P
	70°	22-32 mm	256AB8840P

1 hole with a poly cable gland.

POLY WALL BOX 160X160 WITH 16MM2 TERMINAL BLOCKS			
	70°	10-14 mm	256A08820P
	70°	12-18 mm	256A08825P
	70°	16-25 mm	256A08832P
	70°	22-32 mm	256A08840P

With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8 + 2E 16 mm² terminal blocks + 16 mm² wires, wiring 6 - 16 mm² for loop in loop out wiring

-40°C ≤ Ta ≤ +55°C T4 T105°C

-40°C ≤ Ta ≤ +50°C T5 T95°C