

# DXN60 Hazardous Location Plugs & Receptacles – 60 A

Devices rated for hazardous locations are not returnable.

## 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	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**  
Min 10 AWG Max 4 AWG  
Aux Contacts - Max 10 AWG  
\* Based on THHN wire sizes.
- Applicable Standards**  
CSA C22.2 No. 182.1
- Hazardous Location Ratings**

-40°C ≤ T<sub>a</sub> ≤ +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

## Receptacle (female)



Standard DXN60 lid opens to 120°

## Inlet (male)



**!** Receptacles & Inlets must be mounted to a DXN handle, angle or wall box

## 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	With No Lockout Hole	Inlet # -A155
Metal Pawl on Poly Receptacle	Recept # -924	* Not available with 600V devices, use -972-S74 for 550 VAC	
Closed Lid Configuration	Recept # -R		
180° Opening Lid	Recept # -180		

## 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 de IIC T\*Gb Ex tb IIIC T\*Db  
-40°C ≤ T<sub>a</sub> ≤ +60°C T4 T107°C  
-40°C ≤ T<sub>a</sub> ≤ +40°C T5 T87°C  
IECEX LCI 09.0007 / LCIE 05 ATEX 6150

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	25-6408A	25-6808A
190 - 230 V	3P+E	25-64033	25-68033
220 - 250 V	1P+N+E	25-64015	25-68015
380 - 440 V	3P+E	25-64013	25-68013
380 - 440 V	3P+N+E	25-64017	25-68017
480 - 500 V	3P+E	25-64093	25-68093
480 - 500 V	3P+N+E	25-64097	25-68097


Receptacle Options	Suffix #	Receptacle Options	Suffix #
Padlock Pawl w/shaft for 2 locks	Recept # + 843	Self-returning Lid	Recept # + R
180° Opening Lid	Recept # + 10	180° Opening & Self-returning Lid	Recept # + 18
With 2 Auxiliary/Pilot Contacts*	Recept # + 972 Inlet # + 972		

# INSTALLATION ACCESSORIES – SIZE 3

Accessories rated for hazardous locations are not returnable.

**HANDLES**


POLY HANDLE w/NPT		Part #	
	1"	<b>22-6A013-1</b>	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 w/CORD GRIP w/Cable Range			
	.51 - .79"	<b>253P0DPF</b>	For use in Class I or II Division 2, Class I Zone 1 or Zone 21.
	.71 - .98"	<b>253P0DPE</b>	
-20°C ≤ Ta ≤ +85°C			


**ANGLES**

POLY ANGLE			
	30°	<b>22-6A027</b>	


**MISCELLANEOUS ACCESSORIES**


FINGER DRAWPLATES			
	<b>61-6A346</b>	Set of Two (2)	Recommended for cord to cord assembly applications, for easier connector closure.


PROTECTIVE INLET/PLUG CAP			
	<b>22-6A426</b>	For Inlets/Plugs Only.	

RECEPTACLE LOCKING PIN			
	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.	


**BOXES**

POLY WALL BOX w/NPT		Part #	
	30° 1"	<b>22-6A023-1-T</b>	NPT Thread on top. * Interior volume with receptacle installed.


POLY WALL BOX w/NPT		Part #	
	30° 1"	<b>22-6A023-1-B</b>	NPT Thread on bottom. * Interior volume with receptacle installed.


POLY ANGLE WITH METAL BOX w/NPT			
	70° 1/2"	<b>223C7N05</b>	NPT is drilled on top of metal box as standard. For NPT on side only, add an "L" suffix. To switch from top to bottom or left to right the box can be rotated. * Interior volume with receptacle installed.
	70° 3/4"	<b>223C7N07</b>	
	70° 1"	<b>223C7N10</b>	
	70° 1 1/4"	<b>223C7N12</b>	
	70° 1 1/2"	<b>223C7N15</b>	

NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.


POLY WALL BOX 160x160 w/o TERMINAL BLOCKS w/CORD GRIP			
	70° 3/4"	.35 - .63"	<b>223C7CPD</b>
	70° 3/4"	.51 - .71"	<b>223C7CPC</b>
	70° 1"	.51 - .79"	<b>223C7DPF</b>
	70° 1"	.71 - .98"	<b>223C7DPE</b>
	70° 1 1/2"	.79 - 1.02"	<b>223C7M40PG</b>
	70° 1 1/2"	.87 - 1.26"	<b>223C7M40PH</b>


**HANDLES**

POLY HANDLE w/POLY Cable Gland		Part #	
	10 - 14 mm	<b>25-6A253-20P</b>	For use in Zones 1 & 2 Zones 21 & 22.
	12 - 18 mm	<b>25-6A753</b>	
	16 - 25 mm	<b>25-6A253-32P</b>	
	22 - 32 mm	<b>25-6A253-40P</b>	


POLY HANDLE w/METAL Cable Gland			
	8 - 10 mm	<b>25-6A253-20M</b>	With Earth continuity.
	12 - 14 mm	<b>25-6A253-25M</b>	
	18 - 24 mm	<b>25-6A253-32M</b>	


**ANGLES**


POLY ANGLE			
	30°	<b>25-6A027</b>	

POLY ANGLE			
	70°	<b>25-6A757</b>	For panel mounting. Not a replacement part for 70° wall box.

**BOXES**

POLY WALL BOX		Part #	
	30°	12 - 18 mm	<b>25-6AB53</b>

POLY WALL BOX 160x160 w/o TERMINAL BLOCKS			
	70°	10 - 14 mm	<b>25-6AB88-20P</b>
	70°	12 - 18 mm	<b>25-6AB88-25P</b>
	70°	16 - 25 mm	<b>25-6AB88-32P</b>
	70°	22 - 32 mm	<b>25-6AB88-40P</b>

POLY WALL BOX 160x160 w/16mm <sup>2</sup> TERMINAL BLOCKS			
	70°	10 - 14 mm	<b>25-6A088-20P</b>
	70°	12 - 18 mm	<b>25-6A088-25P</b>
	70°	16 - 25 mm	<b>25-6A088-32P</b>
	70°	22 - 32 mm	<b>25-6A088-40P</b>

With 2 holes (1 with a cable gland + 1 with a stopping plug), with 8 + 2E 16 mm<sup>2</sup> terminal blocks + 16 mm<sup>2</sup> wires, wiring 6 - 16 mm<sup>2</sup> for loop in loop out wiring  
-40°C ≤ Ta ≤ +55°C T4 T105°C  
-40°C ≤ Ta ≤ +50°C T5 T95°C

HAZARDOUS LOCATION