

DSN30 Switch-Rated - 30 A

UL/CSA Ratings

- **Max Amperage & Voltage**
30 A, 600 VAC
- **Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit
Disconnect Switching
- **Horsepower Ratings**

120 V	1Ø	2 hp
240 V	1Ø	3 hp
208 V	3Ø	5 hp
240 V	3Ø	5 hp
480 V	3Ø	15 hp
600 V	3Ø	15 hp
- **Short Circuit Rating**
100 kA Close & Withstand
Testing was performed with 125 A RK1 fast-acting Mersen fuses.
- **Environmental Ratings**
Type 4X/IP66/IP67/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 260 for temperatures outside of this range.
- **Wiring Capacity**
Based on THHN wire sizes
Min 14 AWG Max 8 AWG
Aux Contacts: 14 AWG
- **Certifications**
UL 2682, UL 1682,
CSA C22.2 NO. 182.1, NOM

Receptacle (female)



Inlet (male)



! Remember to add installation accessories to your order

North American UL/CSA Configurations

VOLTAGE	POLARITY	PART # POLY	PART # POLY
120 V	1P+N+G	63-34165	63-38165
120 208 V	3P+N+G	63-34167	63-38167
125 V	1P+N+G	63-34075	63-38075
125 250 V	2P+N+G	63-34076	63-38076
208 V	2P+G	63-34162	63-38162
208 V	3P+G	63-34163	63-38163
250 V	2P+G	63-34072	63-38072
250 V	3P+G	63-34073	63-38073
277 V	1P+N+G	63-34045	63-38045
277 480 V	3P+N+G	63-34047	63-38047
347 600 V	3P+N+G	63-34147	63-38147
480 V	2P+G	63-34042	63-38042
480 V	3P+G	63-34043	63-38043
600 V	2P+G	63-34142	63-38142
600 V	3P+G	63-34143	63-38143

For international configurations and ratings (IEC, CE) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Main Options



**Auxiliary/Pilot
Contacts**



**Mushroom
Pawl**



Padlock Pawl



**Self-Returning
Lid**

Recommended for cord applications to keep lid tucked in to avoid damage.

! See pages 237-246 for detailed information on these options

RECEPTACLE OPTIONS

SUFFIX

INLET OPTIONS

SUFFIX

With 2 Auxiliary/Pilot Contacts

Recept # -972

With 2 Auxiliary/Pilot Contacts

Inlet # -972

Straight Insertion

Recept # -352²

Self-Ejecting Plug Release**

Inlet # -338

Self-Ejecting Connector Release**

Recept # -354²

Without Lockout Hole

Inlet # -A155

Mushroom Pawl

Recept # -375

For Microswitch

Inlet # -270^{3,4}

Padlock Pawl

Recept # -843

Notes:

Metal Pawl

Recept # -824

** For self-ejecting connectors and plugs, a 443 suffix must be added to all handles except the Poly Handle with NPT and Poly Handle with Cord Grip as these handles come with an integrated cable guide. See pages 239-240 for more information.

Self-Returning Lid (Manual Close)

Recept # -NC

² This option includes the Self-Returning Lid.
³ Not UL/CSA listed.

With Microswitch

Recept # -270^{3,4}

⁴ Not available on 3P+N+G configurations.

Order Example: 480 V DSN30 + 2 auxiliary contacts

DSN30 Inlet 3P+G = 63-38043-972



INSTALLATION ACCESSORIES – SIZE 2

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

HANDLES

HANDLE WITH NPT	PART # POLY WITH DRAWPLATES	PART # POLY	PART # METAL
	1/2" 512P0N05	512P0N05E2615	592P0N05
	3/4" 512P0N07	512P0N07E2615	592P0N07
	1" 512P0N10	512P0N10E2615	592P0N10
	1 1/4" 512P0N12	512P0N12E2615	-
			

For available cord grips, see pg 231.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART # WITH DRAWPLATES	PART #
	.350-.520"	712P0BP6	712P0BP6E2615
	.520-.680"	712P0CP5	712P0CP5E2615
	.680-.980"	712P0DP4	712P0DP4E2615
	.980-1.260"	712P0EP4	712P0EP4E2615

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.438-.500"	792P0BS3
	.500-.562"	792P0BS4
	.562-.625"	792P0CS2
	.625-.750"	792P0CS4
	.770-.875"	792P0DS1
	.870-1.000"	792P0DS3

POLY HANDLE	CABLE RANGE	PART #
	.200-.820"	512P0D21

POLY HANDLE WITH CLAMP & BUSHING	CABLE RANGE	PART #
	.750-.875"	712P0S14
	.875-1.000"	712P0S16
	1.000-1.125"	712P0S18
	1.125-1.250"	712P0S20
	1.250-1.375"	712P0S22

ANGLES

POLY ANGLE	ANGLE	PART #	NOTES
	30°	512M3	
	70°	512M7	Panel mounting only.

METAL ANGLE	ANGLE	PART #	NOTES
	0°	592M0	
	30°	592M3	
	FS/FD 30°	792M3FS	Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

BOXES

POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	PART #	NOTES
	30°	1/2"	512B3N05	* Interior volume with receptacle installed.
	30°	3/4"	512B3N07	

* 8.5 in³

POLY WALL BOX WITH ANGLE	ANGLE	PART #	NOTES
	70°	512C7000	70° poly boxes are not drilled.

* 82.0 in³

Ground Bar **51AA089**

POLY ANGLE WITH METAL WALL BOX WITH NPT	ANGLE	SIZE	PART #	NOTES
	70°	1/2"	712C7N05	* Interior volume with receptacle installed.
	70°	3/4"	712C7N07	
	70°	1"	712C7N10	
	70°	1 1/4"	712C7N12	
	70°	1 1/2"	712C7N15	

* 74.6 in³

METAL BOX WITH NPT	ANGLE	SIZE	PART #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	NOTES
	30°	1/2"	712C3N05	* Interior volume with receptacle installed.
	30°	3/4"	712C3N07	
	30°	1"	712C3N10	
	30°	1 1/4"	712C3N12	

* 28.7 in³

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	NOTES
	61-3A346	Set of Two (2) Recommended for all assembly applications, for facilitated mating.

PROTECTIVE INLET/PLUG CAP	PART #	NOTES
	61-3A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	PART #	NOTES
	61-3A826	For Inlets/Plugs Only.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	PART #	NOTES
	61-3A226	Metal - For Inlets/Plugs Only. In order to achieve max water ingress protection Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.

SCREWDRIVER FOR TERMINAL SCREWS	PART #	NOTES
	SD18	Klein 608-3 1/8" cabinet with 3" round shank.

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