

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 RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- **Environmental Ratings**
Type 4X/IP69/IP69K*
*Also meets IP66/IP67 requirements.
- **Temperature Range**
Min -40°F/Max 140°F
See pg 252 for temperatures outside of this range.
- **Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - 14 AWG
* Based on THHN wire sizes
- **Certifications**
UL 2682, UL 1682, CSA 182.1, NOM

Receptacle (female)



Inlet (male)



! Don't forget 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
	Closed Lid Configuration Recommended for cord applications to keep lid tucked in to avoid damage.

RECEPTACLE OPTIONS	SUFFIX #	INLET OPTIONS	SUFFIX #
With 2 Auxiliary/Pilot Contacts	Recept # -972	With 2 Auxiliary/Pilot Contacts	Inlet # -972
Straight Insertion	Recept # -352~	Self-Ejecting Plug Release**	Inlet # -338
Self-Ejecting Connector Release**	Recept # -354~	With No Lockout Hole	Inlet # -A155
Mushroom Pawl	Recept # -375	For Microswitch	Inlet # -270+
Padlock Pawl	Recept # -843	Notes: ** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information. ~ Standard closed lid configuration. + Not UL/CSA listed. Not available on 3P+N+G configurations.	
Metal Pawl	Recept # -824		
Closed Lid Configuration	Recept # -NC		
With Microswitch	Recept # -270+		


! See pages 231-238 for detailed information on these options


Order Example: 480 V DSN30 + 2 auxiliary contacts
DSN30 Inlet 3P+G = 63-38043-972


INSTALLATION ACCESSORIES – SIZE 2


HANDLES	HANDLE WITH NPT		PART # POLY	PART # METAL
		1/2"		512P0N05
	3/4"		512P0N07	592P0N07
	1"		512P0N10	592P0N10
	1 1/4"		512P0N12	592P0N12

For available cord grips, see pg 159.




POLY HANDLE WITH CORD GRIP	CABLE RANGE	Part #
	.350-.520"	712P0BP6
	.520-.680"	712P0CP5
	.680-.980"	712P0DP4
	.980-1.260"	712P0EP4

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	
		30°
	70°	512M7 Panel mounting only.

METAL ANGLE		
	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		PART #
		30°	1/2"
	30°	3/4"	512B3N07

* 8.5 in³


* Interior volume with receptacle installed.


POLY WALL BOX WITH ANGLE		
	70°	512C7000

* 82.0 in³

70° poly boxes are not drilled.


* Interior volume with receptacle installed.


GROUND BAR	
	51-AA089

POLY ANGLE W/METAL WALL BOX WITH NPT		
	70° 1/2"	712C7N05
	70° 3/4"	712C7N07
	70° 1"	712C7N10
	70° 1 1/4"	712C7N12
	70° 1 1/2"	712C7N15

* 74.6 in³

* Interior volume with receptacle installed.


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

POLY ANGLE W/METAL BOX WITH NPT		
	30° 1/2"	712C3N05
	30° 3/4"	712C3N07
	30° 1"	712C3N10
	30° 1 1/4"	712C3N12

* 28.7 in³

* Interior volume with receptacle installed.

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

FINGER DRAWPLATES	
	61-3A346


Set of Two (2)
Recommended for all assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP	
	61-3A426

For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP	
	61-3A826


For Inlets/Plugs Only.

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	
	61-3A226

Metal – For Inlets/Plugs Only. In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.

SCREWDRIVER FOR TERMINAL SCREWS	
	SD18

Klein 608-3 1/8" cabinet with 3" round shank.

RECEPTACLE LOCKING PIN	
	LP-843

Requires Padlockable Pawl option (-843) on receptacle.