

DSN30 Switch-Rated Plugs & Receptacles – 30 A

UL/CSA Ratings

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

120V	1Ø	1 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	10 hp
600V	3Ø	15 hp
- Short Circuit Rating**
100kA 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 258 for temps below -15°F.
- Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - 14 AWG
- Certifications**
UL 2682, UL 1682, CSA 182.1

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

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 Auxiliary Switch

Inlet # -NNF*

Padlock Pawl

Recept # -843

Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.

Padlockable Mushroom Pawl

Recept # -375-843

** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 243-244 for more information.

Metal Pawl

Recept # -824

Closed Lid Configuration

Recept # -NC

With Auxiliary Switch

Recept # -270+



Notes: + Not UL/CSA listed.

! See pages 235-244 for detailed information on these options


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

INSTALLATION ACCESSORIES – SIZE 2

HANDLES


HANDLE w/NPT		Part # Poly	Part # Metal
	1/2"	512P0N05	592P0N05
	3/4"	512P0N07	592P0N07
	1"	512P0N10	592P0N10
	1 1/4"	512P0N12	-

For available cord grips, see page 167. Add -443 for self-ejecting


POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.350 - .520"	712P0BP6
	.520 - .680"	712P0CP5
	.680 - .980"	712P0DP4
	.980 - 1.260"	712P0EP4

METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.438 - .500"	792P0BS3
	.500 - .562"	792P0BS4
	.562 - .625"	792P0CS2
	.625 - .750"	792P0CS4
	.750 - .875"	792P0DS1
	.875 - 1.000"	792P0DS3

POLY HANDLE	Cable Range	Part #
	.20 - .83"	512P0D21


POLY HANDLE w/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°	512M3

	70°	512M7
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Panel mounting only.


METAL ANGLE		
	0°	592M0

	30°	592M3
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	FS/FD Box 30°	792M3FS
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* 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 w/NPT			Part #
	30°	1/2"	512B3N05
	30°	3/4"	512B3N07

* 8.5 in³

* Interior volume with receptacle installed.


POLY WALL BOX w/ANGLE			Part #
	70°		512C7000

* 82.0 in³

70° poly boxes are not drilled. Contact Customer Service if factory drilled is required.

* Interior volume with receptacle installed.

	Ground Bar	51AA089
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POLY ANGLE w/METAL WALL BOX w/NPT			Part #
	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 w/NPT			Part #
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE w/METAL BOX w/NPT			Part #
	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 NPT configurations, contact Customer Service.


MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES		
	61-3A346	Set of Two (2) Recommended for cord to cord 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. -A155 suffix required to maintain water ingress protection.

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.