

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 256 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		
Metal Pawl	Recept # - 824		
Closed Lid Configuration	Recept # - NC		
With Auxiliary Switch	Recept # - 270+		



Notes: + Not UL/CSA listed.

See pages 233-242 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 165.


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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METAL ANGLE		
	0°	592M0

	30°	592M3
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	FS/FD Box 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.
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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			
	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 BOX w/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 w/NPT			
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE w/METAL BOX w/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 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.