

# 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	2 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	15 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	<b>Recept # - 972</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # - 972</b>
Straight Insertion	<b>Recept # - 352</b>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Mushroom Pawl	<b>Recept # - 375</b>	For Auxiliary Switch	<b>Inlet # - NNF*</b>
Padlock Pawl	<b>Recept # - 843</b>	<b>Notes:</b> * Order inlet with P+N+G configuration and receptacle with P+G configuration.	
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Metal Pawl	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		
With Auxiliary Switch	<b>Recept # - 270+</b>		



**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.


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 - .82"	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
---	-----	-------

METAL ANGLE		
	0°	592M0

	30°	592M3
---	-----	-------


	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.
---	---------------	---------	--

## BOXES


POLY CONDUIT ENTRY w/NPT				Part #
	30°	1/2"		512B3N05
	30°	3/4"		512B3N07

\* 8.5 in<sup>3</sup>


\* Interior volume with receptacle installed.

POLY WALL BOX w/ANGLE			
	70°		512C7000

\* 82.0 in<sup>3</sup>

Ground Bar			
			51AA089


70° poly boxes are not drilled. Contact customer service if factory drilled is required.  
\* Interior volume with receptacle installed.

POLY ANGLE w/ALUMINUM WALL 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 in<sup>3</sup>

\* 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 in<sup>3</sup>


\* 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.