

# DSN20 Switch-Rated Plugs & Receptacles – 20 A

## UL/CSA Ratings

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

120V	1Ø	.75 hp
240V	1Ø	2 hp
208V	3Ø	3 hp
240V	3Ø	3 hp
480V	3Ø	7.5 hp
600V	3Ø	7.5 hp
- Short Circuit Rating**  
 100kA Close & Withstand  
Testing was performed with 35 A RK1 non-time delay Mersen fuses.  
 10kA Close & Withstand  
Testing was performed with 50 A RK1 non-time delay Mersen fuses.
- 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 12 AWG  
 Aux Contacts - 18 AWG prewired
- 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	63-14165	63-18165
120 208V	3P+N+G	63-14167	63-18167
125V	1P+N+G	63-14075	63-18075
125 250V	2P+N+G	63-14076	63-18076
208V	2P+G	63-14162	63-18162
208V	3P+G	63-14163	63-18163
250V	2P+G	63-14072	63-18072
250V	3P+G	63-14073	63-18073
277V	1P+N+G	63-14045	63-18045
277 480V	3P+N+G	63-14047	63-18047
347 600V	3P+N+G	63-14147	63-18147
480V	2P+G	63-14042	63-18042
480V	3P+G	63-14043	63-18043
600V	2P+G	63-14142	63-18142
600V	3P+G	63-14143	63-18143

## Main Options



**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>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Straight Insertion	<b>Recept # - 352</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>		
Mushroom Pawl	<b>Recept # - 375</b>		
Padlock Pawl	<b>Recept # - 843</b>		
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Metal Pawl	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		



**Notes:** \* Unlike other DSN & DS products, the DSN20 pilots are only on the receptacle side and create a continuity loop that is completed when a plug is connected to the receptacle.

**!** See pages 233-242 for detailed information on these options


**Order Example: 480V DSN20 with padlock pawl**  
 DSN20 Receptacle 3P+G = 63-14043-843


# INSTALLATION ACCESSORIES – SIZE 1


## HANDLES


HANDLE w/NPT		Part # Poly	Part # Metal
	Poly 1/2"	511P0N05	791P0N05L
	3/4"	511P0N07	791P0N07L
	Metal 1"	511P0N10	791P0N10L


For available cord grips, see page 165.

POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.350 - .520"	711P0BP6
	.520 - .680"	711P0CP5
	.680 - .980"	711P0DP4


METAL HANDLE w/CORD GRIP	Cable Range	Part #
	.438 - .500"	791P0BS3L
	.500 - .562"	791P0BS4L
	.562 - .625"	791P0BS5L
	.625 - .750"	791P0CS4L

POLY HANDLE	Cable Range	Part #
	.35 - .70"	511P0D18


POLY EXTENDED HANDLE	Cable Range	Part #
	.20 - .83"	511P0D21


POLY ANGLED HANDLE	Cable Range	Part #
	.35 - .70"	511P6D18

## ANGLES

POLY ANGLE		
	MB Box 30°	511M3

	70°	511M7
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METAL ANGLE		
	0°	591M0

	FS/FD Box 30°	791M3FS
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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.

	45°	591M4
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## BOXES

POLY CONDUIT ENTRY w/NPT				Part #
	30°	1/2"		511B3N05
	30°	3/4"		511B3N07


\* 6.7 in<sup>3</sup>

\* Interior volume with receptacle installed.


POLY WALL BOX w/ANGLE			
	70°		511C7000

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

70° poly boxes are not drilled. Contact customer service if factory drilled is required.


	Ground Bar		51AA089
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\* Interior volume with receptacle installed.

POLY ANGLE WITH METAL BOX w/NPT			
	70°	1/2"	711C7N05
	70°	3/4"	711C7N07
	70°	1"	711C7N10
	70°	1 1/4"	711C7N12
	70°	1 1/2"	711C7N15

\* 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 WITH METAL BOX w/NPT			
	30°	1/2"	711C3N05
	30°	3/4"	711C3N07
	30°	1"	711C3N10
	30°	1 1/4"	711C3N12

\* 29.8 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		
	61-1A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE INLET/PLUG CAP		
	61-1A426	For Inlets/Plugs Only.

PADLOCKABLE INLET/PLUG CAP		
	61-1A826	For Inlets/Plugs Only.

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

EASY RETROFIT ADAPTER PLATES		
	see pg 162	Mount to existing boxes.

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