

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 258 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

For international configurations and ratings (IEC,CE) visit meltric.com/international-catalog or contact customer service at 800-433-7642.

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	Recept # - 972+	Self-Ejecting Plug Release	Inlet # - 338
Straight Insertion	Recept # - 352	With No Lockout Hole	Inlet # - A155
Self-Ejecting Connector Release	Recept # - 354		
Mushroom Pawl	Recept # - 375		
Padlock Pawl	Recept # - 843		
Padlockable Mushroom Pawl	Recept # - 375-843		
Metal Pawl	Recept # - 824		
Closed Lid Configuration	Recept # - NC		



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 235-244 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 167.

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"	791P0CS1L
	.625 - .750"	791P0CS4L

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


POLY EXTENDED HANDLE	Cable Range	Part #
	.20 - .82"	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 in³

* Interior volume with receptacle installed.


POLY WALL BOX w/ANGLE			
	70°		511C7000

* 82.0 in³

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


* 29.8 in³

* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.


MISCELLANEOUS ACCESSORIES

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

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

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

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

EASY RETROFIT ADAPTER PLATES		
	see pg 164	Mount to existing boxes.

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