

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**

120 V	1Ø	.75 hp
240 V	1Ø	2 hp
208 V	3Ø	3 hp
240 V	3Ø	3 hp
480 V	3Ø	7.5 hp
600 V	3Ø	7.5 hp
- **Short Circuit Rating**
100 kA Close & Withstand
Testing was performed with 35 A RK1 non-time delay Mersen fuses.
10 kA 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 266 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
120 V	1P+N+G	63-14125-K16•	63-18125-K16•
120 208 V	3P+N+G	63-14127-K16•	63-18127-K16•
125 V	1P+N+G	63-14075	63-18075
125 250 V	2P+N+G	63-14076	63-18076
208 V	2P+G	63-14122-K16•	63-18122-K16•
208 V	3P+G	63-14123-K16•	63-18123-K16•
250 V	2P+G	63-14072	63-18072
250 V	3P+G	63-14073	63-18073
277 V	1P+N+G	63-14045	63-18045
277 480 V	3P+N+G	63-14047	63-18047
347 600 V	3P+N+G	63-14147	63-18147
480 V	2P+G	63-14042	63-18042
480 V	3P+G	63-14043	63-18043
600 V	2P+G	63-14142	63-18142
600 V	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 Shunt Contact

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.

** For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.

- Standard closed lid configuration.



• Notice: Product has changed and will not mate with prior 63-1416x and 63-1816x 120 V and 208 V configurations. Please contact customer service if product will be used with devices purchased prior to January 31, 2021.

! See pages 243-252 for detailed information on these options


Order Example: 480 V 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 169. Add-443 for self-ejecting.

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		Part #	Notes
	MB Box 30°	511M3	


	70°	511M7	Panel mounting only.
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METAL ANGLE		Part #
	0°	591M0


	FS/FD Box 30°	791M3FS	* 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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	45°	591M4
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BOXES


POLY CONDUIT ENTRY w/NPT		Part #	Notes
	30° 1/2"	511B3N05	* Interior volume with receptacle installed.
	30° 3/4"	511B3N07	

POLY WALL BOX w/ANGLE		Part #	Notes
	70°	511C7000	70° poly boxes are not drilled. Contact Customer Service if factory drilled is required.

	Ground Bar	51AA089	* Interior volume with receptacle installed.
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POLY ANGLE WITH METAL BOX w/NPT		Part #	Notes
	70° 1/2"	711C7N05	* Interior volume with receptacle installed.
	70° 3/4"	711C7N07	
	70° 1"	711C7N10	
	70° 1 1/4"	711C7N12	
	70° 1 1/2"	711C7N15	

METAL BOX w/NPT		Part #
	0° 1/2"	7T1F0N05
	0° 3/4"	7T1F0N07
	0° 1"	7T1F0N10
	0° 1 1/4"	7T1F0N12

POLY ANGLE WITH METAL BOX w/NPT		Part #	Notes
	30° 1/2"	711C3N05	* Interior volume with receptacle installed.
	30° 3/4"	711C3N07	
	30° 1"	711C3N10	
	30° 1 1/4"	711C3N12	


NPT on top or bottom (if rotated). For other NPT configurations, contact Customer Service.


MISCELLANEOUS ACCESSORIES


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

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

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

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

EASY RETROFIT ADAPTER PLATES		Part #	Notes
		see pg 166	Mount to existing boxes.

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