

DSN20 Switch-Rated - 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/IP66/IP67/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 254 for temperatures outside of this range.
- **Wiring Capacity**
Based on THHN wire sizes
Min 14 AWG Max 12 AWG
Aux Contacts - Prewired 18 AWG
- **Certifications**
UL 2682, UL 1682,
CSA C22.2 NO. 182.1, NOM

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



Self-Returning Lid

Recommended for cord applications to keep lid tucked in to avoid damage.

RECEPTACLE OPTIONS

SUFFIX

INLET OPTIONS

SUFFIX

With Shunt Contact

Recept # -972¹

Self-Ejecting Plug Release**

Inlet # -338

Straight Insertion

Recept # -352²

Without Lockout Hole

Inlet # -A155

Self-Ejecting Connector Release**

Recept # -354²

Mushroom Pawl

Recept # -375

Padlock Pawl

Recept # -843

Metal Pawl

Recept # -824

Self-Returning Lid (Manual Close)

Recept # -NC

Notes: ¹ 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 233-234 for more information.

² This option includes the Self-Returning Lid..

• 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 231-240 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


When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

HANDLE WITH NPT		PART # POLY	PART # METAL
	1/2"	511P0N05	791P0N05L
	3/4"	511P0N07	791P0N07L
	1"	511P0N10	791P0N10L


For available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.350-.520"	711P0BP6
	.520-.680"	711P0CP5
	.680-.980"	711P0DP4

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.438-.500"	791P0BS3L
	.500-.562"	791P0BS4L
	.562-.625"	791P0CS1L
	.625-.750"	791P0CS4L

POLY HANDLE	CABLE RANGE	PART #
	.350-.700"	511P0D18

POLY EXTENDED HANDLE	CABLE RANGE	PART #
	.200-.820"	511P0D21

POLY ANGLED HANDLE	CABLE RANGE	PART #
	.354-.708"	511P6D18


ANGLES

POLY ANGLE		
	30°	511M3

	70°	511M7
---	-----	-------

Panel mounting only.


METAL ANGLE		
	0°	591M0

	FS/FD 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.

	45°	591M4
---	-----	-------

BOXES


POLY CONDUIT ENTRY WITH NPT	ANGLE	SIZE	PART #	INTERIOR VOLUME
	30°	1/2"	511B3N05	* Interior volume with receptacle installed.
	30°	3/4"	511B3N07	

* 6.7 in³

POLY WALL BOX WITH ANGLE	ANGLE	PART #	INTERIOR VOLUME
--------------------------	-------	--------	-----------------

	70°	511C7000	70° poly boxes are not drilled.
---	-----	----------	---------------------------------

* 82.0 in³


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

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	INTERIOR VOLUME
------------------------------------	-------	------	--------	-----------------


	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	

* 74.6 in³

METAL BOX WITH NPT	ANGLE	SIZE	PART #
--------------------	-------	------	--------

	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12


POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	SIZE	PART #	INTERIOR VOLUME
------------------------------------	-------	------	--------	-----------------

	30°	1/2"	711C3N05	* Interior volume with receptacle installed.
	30°	3/4"	711C3N07	
	30°	1"	711C3N10	
	30°	1 1/4"	711C3N12	


* 29.8 in³


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


MISCELLANEOUS ACCESSORIES


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

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

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

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

EASY RETROFIT ADAPTER PLATES	PART #	DESCRIPTION
	see pg 240	Mount to existing boxes.

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