

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/IP69/IP69K*
*Also meets IP66/IP67 requirements.
- **Temperature Range**
Min -40°F/Max 140°F
See pg 252 for temperatures outside of this range.
- **Wiring Capacity**
Min 14 AWG Max 12 AWG
Aux Contacts - Prewired 18 AWG
* Based on THHN wire sizes
- **Certifications**
UL 2682, UL 1682, CSA 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



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		
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 233-234 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 231-238 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 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	ANGLE	PART #
	0°	591M0

METAL ANGLE	ANGLE	PART #
	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.


METAL ANGLE	ANGLE	PART #
	45°	591M4


BOXES	POLY CONDUIT ENTRY WITH NPT		PART #	
		30°	1/2"	511B3N05
	30°	3/4"	511B3N07	

* 6.7 in³

POLY WALL BOX WITH ANGLE	ANGLE	PART #	
	70°	511C7000	70° poly boxes are not drilled.


* 82.0 in³


GROUND BAR	PART #
	51-AA089

POLY ANGLE WITH METAL BOX WITH 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 WITH NPT			
	0°	1/2"	7T1F0N05
	0°	3/4"	7T1F0N07
	0°	1"	7T1F0N10
	0°	1 1/4"	7T1F0N12

POLY ANGLE WITH METAL BOX WITH 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 configurations, contact Customer Service.


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 232	Mount to existing boxes.

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