

DS20 Switch-Rated - 20 A

DS20

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	1.5 hp
208 V	3Ø	3 hp
240 V	3Ø	5 hp
480 V	3Ø	7.5 hp
600 V	3Ø	10 hp
- Short Circuit Rating**
100 kA Close & Withstand
Tested with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity.
- Environmental Ratings**
Type 3R (Standard)
Type 4X (Optional)
- 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 8 AWG
Aux Contact - 14 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	33-14165	33-18165
120 208 V	3P+N+G	33-14167	33-18167
125 V	1P+N+G	33-14075	33-18075
125 250 V	2P+N+G	33-14076	33-18076
208 V	2P+G	33-14162	33-18162
208 V	3P+G	33-14163	33-18163
250 V	2P+G	33-14072	33-18072
250 V	3P+G	33-14073	33-18073
277 V	1P+N+G	33-14045	33-18045
277 480 V	3P+N+G	33-14047	33-18047
347 600 V	3P+N+G	33-14147	33-18147
480 V	2P+G	33-14042	33-18042
480 V	3P+G	33-14043	33-18043
600 V	2P+G	33-14142	33-18142
600 V	3P+G	33-14143	33-18143

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

Main Options

- Auxiliary/Pilot Contacts**
- 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 2 Auxiliary/Pilot Contacts	Recept # -972	With 2 Auxiliary/Pilot Contacts	Inlet # -972
Type 4X & Self-Returning Lid	Recept # -4X	Type 4X Watertightness	Inlet # -4X
Straight Insertion	Recept # -352 ²	Self-Ejecting Plug Release**	Inlet # -338
Self-Ejecting Connector Release**	Recept # -354 ²	Without Lockout Hole	Inlet # -A155
Mushroom Pawl	Recept # -375	For Microswitch	Inlet # -270 ^{3,4}
Padlock Pawl	Recept # -843		
Screw-Type Locking Pawl	Recept # -845		
Metal Pawl (on Poly Receptacle)	Recept # -824		
Self-Returning Lid (Manual Close)	Recept # -NC		
With Microswitch	Recept # -270 ^{3,4}		

Notes:

- ** For self-ejecting connectors and plugs, a 443 suffix must be added to all handles except the Poly Handle with NPT and Poly Handle with Cord Grip as these handles come with an integrated cable guide. See pages 233-234 for more information.
- ² This option includes the Self-Returning Lid.
- ³ Not UL/CSA listed.
- ⁴ Not available on 3P+N+G configurations.

Order Example: 208 V DS20 + 2 auxiliary contacts
DS20 Poly inlet 2P+G = 33-18162-972



Handle Option Guide
pgs 237-238

INSTALLATION ACCESSORIES – SIZE 2

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
NEW 1/2"	512P0N05	592P0N05
Poly 3/4"	512P0N07	592P0N07
1"	512P0N10	592P0N10
Metal 1 1/4"	512P0N12	-

For available cord grips, see pg 159.

POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
NEW .350-.520"	712P0BP6	
.520-.680"	712P0CP5	
.680-.980"	712P0DP4	
.980-1.260"	712P0EP4	

METAL HANDLE WITH CORD GRIP	PART #
.438-.500"	792P0BS3
.500-.562"	792P0BS4
.562-.625"	792P0CS2
.625-.750"	792P0CS4
.770-.875"	792P0DS1
.870-1.000"	792P0DS3

POLY HANDLE	PART #
.200-.820"	512P0D21

POLY HANDLE WITH CLAMP & BUSHING	PART #
.750-.875"	712P0S14
.875-1.000"	712P0S16
1.000-1.125"	712P0S18
1.125-1.250"	712P0S20
1.250-1.375"	712P0S22

ANGLES

POLY ANGLE	PART #	Notes
30°	512M3	
70°	512M7	Panel mounting only.

METAL ANGLE	PART #
0°	592M0
30°	592M3

METAL ANGLE	PART #	Notes
FS/FD 30°	792M3FS	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.

BOXES

POLY CONDUIT ENTRY WITH NPT	PART #	Notes
30° 1/2"	512B3N05	For poly devices only
30° 3/4"	512B3N07	* Interior volume with receptacle installed.

POLY WALL BOX WITH ANGLE	PART #	Notes
70°	512C7000	70° poly boxes are not drilled.
* 7.0 in ³		* Interior volume with receptacle installed.
Ground Bar	51-AA089	

POLY ANGLE WITH METAL BOX WITH NPT	PART #	Notes
70° 1/2"	712C7N05	
70° 3/4"	712C7N07	* Interior volume with receptacle installed.
70° 1"	712C7N10	
70° 1 1/4"	712C7N12	
70° 1 1/2"	712C7N15	

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

POLY ANGLE WITH METAL BOX WITH NPT	PART #	Notes
30° 1/2"	712C3N05	
30° 3/4"	712C3N07	* Interior volume with receptacle installed.
30° 1"	712C3N10	
30° 1 1/4"	712C3N12	

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

MISCELLANEOUS ACCESSORIES

FINGER DRAWPLATES	PART #	Notes
61-3A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.	

PROTECTIVE INLET/PLUG CAP	PART #	Notes
31-1A426	For Inlets/Plugs Only.	

PADLOCKABLE INLET/PLUG CAP	PART #	Notes
DS1PC	For Inlets/Plugs Only.	

SPRING-LOADED PADLOCKABLE INLET/PLUG CAP	PART #	Notes
31-1A226	For Inlets/Plugs Only. In order to achieve max water ingress protection of Type 3R/IP55, spring loaded caps should be ordered with inlets equipped with -A155 suffix.	

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

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