

SP



# SP – 600A

## Single Pole Plugs & Receptacles

### Ratings

- Voltage**  
600 VAC  
Contact customer service to order devices for international applications and for IEC listings up to 700A, 1000 VAC/1500 VDC.
- Current Interruption Capability**  
Non-Load break
- Horsepower Ratings**  

480V	3Ø	500 hp
600V	3Ø	500 hp

CSA HP rated when auxiliary pilots are wired to control motor control circuit.
- Environmental Ratings**  
IP66+IP67
- Temperature Range**  
Min -15°F/Max 140°F
- Wiring Capacity**  
Min 2/0 Max 777 MCM  
Aux Contacts 12-14 AWG
- Listings**  
CSA (IEC, CE optional)\*  
\* Contact Customer Service
- Pilot Contact Amperage**  
1A, 240 VAC

### Receptacle (female) without lug



Don't forget to add installation accessories to your order

For international configurations (CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

Color Code	Polarity	Part # without lug
Black	L1	45-44001-P80
Red	L2	45-44002-P80
Blue	L3	45-44003-P80
White	NEUTRAL	45-4400N-P80
Green	GROUND	45-4400T-P80
Red	POSITIVE	45-4400P
Black	NEGATIVE	45-4400M
Green	GROUND	45-4400T

### Inlet (male) without lug



Color Code	Polarity	Part # without lug
Black	L1	45-48001-P80
Red	L2	45-48002-P80
Blue	L3	45-48003-P80
White	NEUTRAL	45-4800N-P80
Green	GROUND	45-4800T-P80
Red	POSITIVE	45-4800P
Black	NEGATIVE	45-4800M
Green	GROUND	45-4800T

- Notes:**
- Not CSA listed. CE rated up to 700A, 1000 VAC/1500 DC.
  - Pilot contacts are AC/DC rated for 6A and 250V.

### Angle Option



Inclined Metal Angle  
45°

Part #

Angle 45-4A027

### Crimping lug\*



Flexible MCM+ Wire Size	Straight with Terminal	Straight Threaded**
3/0	45-4A95C	45-4A95D
4/0	45-4A12C	45-4A12D
300	45-4A15C	45-4A15D
350	45-4A18C	45-4A18D
500	45-4A24C	45-4A24D
600	45-4A30C	45-4A30D
777	45-4A40C	45-4A40D

### Handle



Cable Outside Diameter	Part #
.750 - .875	45-4A753-A
.875 - 1.000	45-4A753-B
1.000 - 1.125	45-4A753-C
1.125 - 1.250	45-4A753-D
1.250 - 1.375	45-4A753-E
1.250 - 1.375	45-4A783-A
1.312 - 1.437	45-4A783-B
1.438 - 1.562	45-4A783-C
1.562 - 1.688	45-4A783-D

- \* Use the straight threaded lug when cord mounting with handle accessory.
- \*\* Straight threaded lug can be used for solder connection as well as crimp connection. Lugs should be crimped using a dieless indent style crimping tool.

+ Based on flexible type copper cables. See appropriate NEC tables for applicable ampacities.