CS1000





Main Advantages

- Built-in locking pin
- Fingerguard protects from live parts
- Color-coded keyed positions
- High Amperage Capacity
- Silver-nickel, butt-style contacts provide superior performance and corrosion resistance

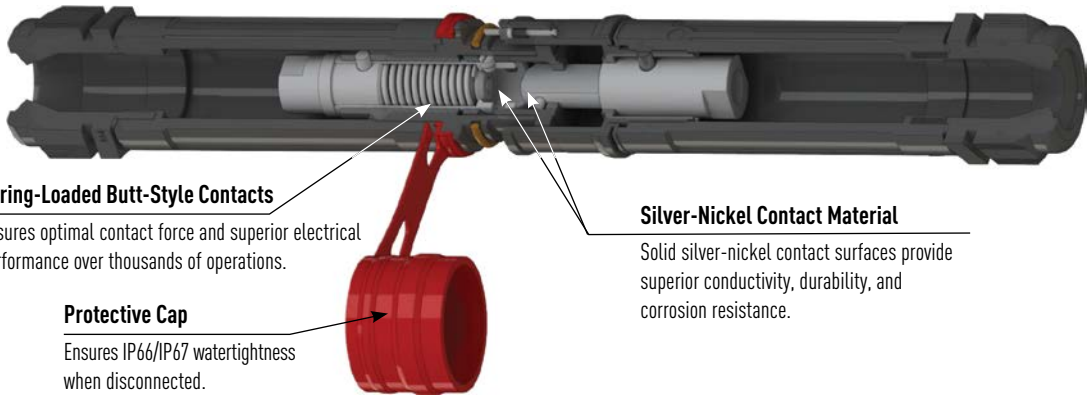
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PRODUCT FEATURES





General Ratings

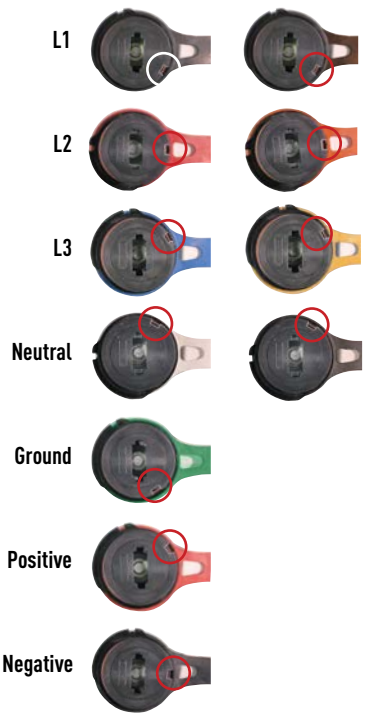
	North American	International
Amperage	400 A	500 A
Voltage	600 VAC, 600 VDC	1000 VAC, 1500 VDC
Frequency	60-400 Hz	50-400 Hz
Environmental	IP66/IP67	IP66/IP67
Temperature	Min -40°F/Max 140°F	Min -40°F/Max 140°F

Listings

Category	UL	CSA	IEC	NOM
Single Pole Plugs and Receptacle	UL 1691	CSA 1691-12	60309-1	NOM-003-SCFI-2014

Highlighted Feature

5 Mechanical Keying Positions (North America color codes shown.)



Operating Instructions

Connection







Disconnection





CS1000 Standard Duty - 400 A

UL/CSA Ratings

- **Max Amperage**
  400 A
- **Current Interrupting Capability**
  Not for Current Interrupting
- **Voltage**
  600 VAC, 600 VDC
- **Short Circuit Rating**
  10 kA Withstand
  Testing was performed with RK1 current limiting fuses sized at least 100% of the device's ampacity rating.
- **Environmental Ratings**
  IP66/IP67
- **Temperature Range**
  Min -40°F/Max 140°F
  See pg 260 for temperatures outside of this range.
- **Wiring Capacity**
  Min 1/0 AWG / Max 444 MCM
  90°C rated wire required
- **Applicable Standards**
  UL 1691, CSA 1691-12, NOM

Receptacle
(female) without lug

Inlet
(male) without lug





! Remember to add installation accessories to your order

North American Configurations

VOLTAGE	POLARITY	RECEPTACLE PART # WITHOUT LUG	INLET PART # WITHOUT LUG
≤ 250 V	L1	44-34001-P80	44-38001-P88
≤ 250 V	L2	44-34002-P80	44-38002-P80
≤ 250 V	L3	44-34003-P80	44-38003-P80
≤ 250 V	NEUTRAL	44-3400N-P80	44-3800N-P80
	GROUND	44-3400T-P80	44-3800T-P80
	POSITIVE	44-3400P-P80	44-3800P-P80
	NEGATIVE	44-3400M-P80	44-3800M-P80
> 250 V	L1	44-34001-P88	44-38001-P80
> 250 V	L2	44-34002-P88	44-38002-P88
> 250 V	L3	44-34003-P88	44-38003-P88
> 250 V	NEUTRAL	44-3400N-P88	44-3800N-P88

IEC/CE Ratings

- **Max Amperage**
  500 A
- **Current Interrupting Capability**
  Not for Current Interrupting
- **Voltage**
  1000 VAC, 1500 VDC
- **Environmental Ratings**
  IP66/IP67
- **Temperature Range**
  Min -40°F/Max 140°F
  See pg 260 for temperatures outside of this range.
- **Wiring Capacity**
  Min 1/0 AWG / Max 444 MCM
  185 mm^2 stranded
- **Applicable Standards**
  CE

IEC/CE Configurations

EUROPEAN COLOR CODE	POLARITY	PART # POLY	PART # POLY
Brown	L1	4534001	4538001
Black	L2	4534002	4538002
Grey	L3	4534003	4538003
Blue	NEUTRAL	453400N	453800N
Green	GROUND	453400T	453800T
Red	POSITIVE	453400P	453800P
Black	NEGATIVE	453400M	453800M

INSTALLATION ACCESSORIES – SIZE M

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

ANGLES

POLY ANGLE			
	0°	453A540	Required for mounting on panels, walls, etc.
	30°	453A027	With Adapter Plate.



Use with angle 30° or direct mount

Bolt included

ACCESSORIES

INLET CAP		UNLOCKING TOOL		
	453A126		453A396	One unlocking tool on a "valet" style separable key ring. Available for inlets ordered pre-2025.

PADLOCKING TOOL	
	453A843



Use with handle for cord mounting

CRIMPING LUGS

INTERNAL DIAMETER		STRAIGHT W/TERMINAL	STRAIGHT THREADED	FLEXIBLE WIRING*	COARSE WIRING
in	mm	PART #	PART #	AWG	AWG
.43	11	454A50C	454A50D	1/0[A]	2/0
.51	13.1	454A70C	454A70D	2/0, 3/0	3/0, 4/0
.57	14.5	454A95C	454A95D	4/0	250
.64	16.2	454A12C	454A12D	262	300
.71	18	454A15C	454A15D	300, 313	350
.81	20.6	454A18C	454A18D	350+, 373	400, 500
.91	23.1	454A24C	454A24D	444+, 500, 535	600

Notes: * Class H & I, [A] The ground conductor shall be limited to a maximum size of 1/0 AWG.
UL listing performed with Greenlee EK6IDL11 dieless tool and Dewalt DCE300M2 with Greenlee KC12 dies. + Only for use with Greenlee EK6IDL11 dieless tool.

HANDLES

HANDLE	CABLE OUTSIDE DIAMETER	PART #	
	0.50-1.00"	453A753	Normal Duty 100 lb grip
Not UL/CSA listed	0.70-1.26"	453A783	

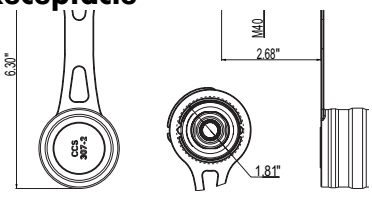
HANDLE WITH CORD GRIP (MESH)	CABLE OUTSIDE DIAMETER	PART #	CABLE OUTSIDE DIAMETER	PART #	
	0.50-0.63"	44-3A753-A	0.88-1.00"	44-3A783-A	
	0.56-0.69"	44-3A753-B	1.00-1.13"	44-3A783-B	Heavy-Duty 300 lb grip
	0.63-0.75"	44-3A753-C	1.13-1.25"	44-3A783-C	
	0.69-0.81"	44-3A753-D	1.25-1.38"	44-3A783-D	
	0.75-0.88"	44-3A753-E			

Dimensions Inlet/Receptacle – Provided in Inches

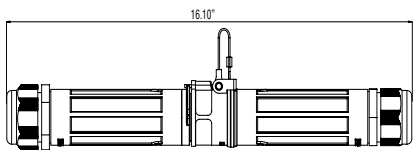
Dimensions are for reference only and may change depending on accessories used. For precise dimensions contact MELTRIC Engineering.

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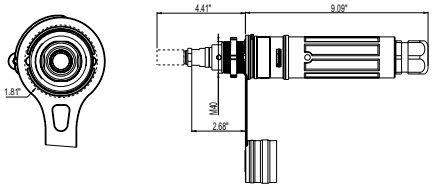
Receptacle



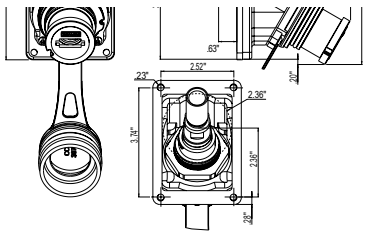
Inline Connector



Plug/Receptacle



30° Inclined Receptacle/Angle



30° Receptacle/Angle with Plug

