

DC Protector Installation Instructions

DC Power Supply Protector Series: MCG-12A/24A/32A/48A/130A

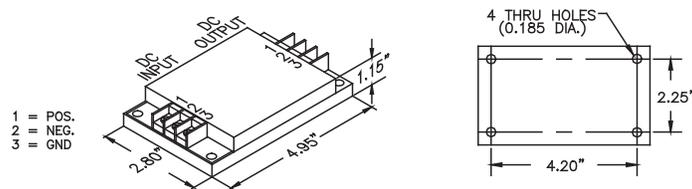
Model: MCG-	12A	24A	32A	48A	130A
Rated Voltage(DC, $\pm 15\%$)	12VDC	24VDC	32VDC	48VDC	130VDC
Rated Current (rms) @ 40°C (Series Connected)	15A	15A	15A	15A	15A
Service	+, -, gnd				

The DC Protector is installed on the DC power bus at the equipment level where limited space is a concern. These provide brute force surge protection to prevent damage to sensitive loads and power supply mains.

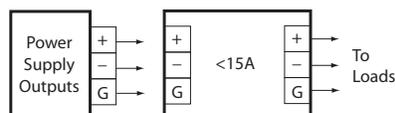
To install:

1. DC power must be off. For indoor use only. Never install during a lightning storm.
2. Using insulated wire, connect power source to line side of protector as follows:
3. Connect + wire to Line 1 position and tighten screw.
4. Connect - wire to Line 2 position and tighten screw.
5. Bring ground wire to Line 3 position and tighten screw.
6. Using insulated wire, connect load side of protector to equipment.
7. Connect + wire to Load 1 position and tighten screw.
8. Connect - wire to Load 2 position and tighten screw.
9. Connect ground wire (must be 6" or less) to Load 3 position and make sure this is referenced to chassis ground.
10. Turn on DC power. Lit green LED indicates device is powered and protection is present.
11. For loads 15A or over, connect protector in parallel.

Mounting Specifications



Series Connection



Parallel Connection

