

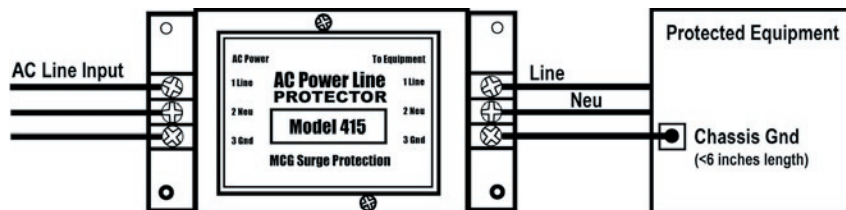
MCG Surge Protection

Models 405, 407, 415, 416 & 417 Installation Instructions

The 400 Series are installed at the equipment level where limited space is a concern. These in-line series devices provide both brute force surge protection and impulse filtering to prevent equipment damage.

Model	405	407	415	416	417
Rated Voltage (50/60/400Hz)	120VAC	120VAC	120VAC	120VAC	240VAC
Rated Current (rms) @ 40°C	5A	7.5A	15A	25A	25A
Service	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G

1. AC power must be off. For indoor use only. Never install during a lightning storm.
2. Using insulated #10 AWG-wire connect power source to line side of protector as follows.
3. Connect your phase wire to line (L) position on TB1 and tighten screw.
4. Connect your neutral wire to (N) position on TB1 and tighten screw.
5. Bring your ground wire to the (G) position on TB1 and tighten screw.
6. Using insulated #10 AWG wire connect load side of protector to equipment.
7. Connect your phase wire to load position (L) on TB2 and tighten screw.
8. Connect your neutral wire to load position (N) on TB2 and tighten screw.
9. Connect your ground wire (must be 6" or less) to load position (G) on TB2 and make sure this is referenced to chassis ground of protected equipment.
10. Turn on AC power. Lit Green LED indicates device is powered and protection is present.



Web: www.mcgsurge.com • E-Mail: info@mcgsurge.com

12 Burt Drive, Deer Park, New York 11729 • Phone: 1-800-851-1508 • Fax: (631) 586-5120

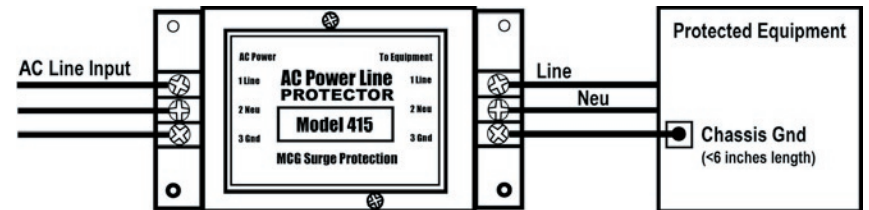
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