

MCG Surge Protection

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

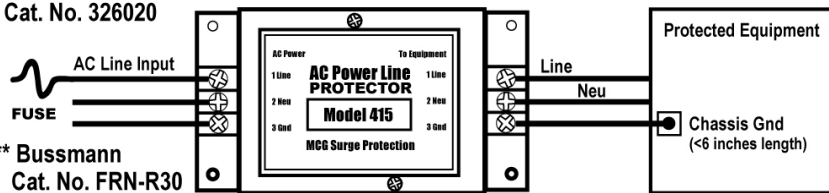
The 400 Series are installed at the equipment level where limited space is a concern. These in-line series devices provide both brute force surge protection and impulse filtering to prevent equipment damage.

Model	405 [§]	407*	415*	416**	417**
Rated Voltage (50/60Hz)	120VAC	120VAC	120VAC	120VAC	240VAC
Rated Current (rms) @ 40°C	5A	15A	15A	23A	23A
Service	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G	1 ϕ , N+G
Minimum Wire Size (AWG)	16	14	14	10	10

Suitable for use on a circuit capable of delivering not more than 5000 rms symmetrical Amperes. Use appropriate upstream fuse (customer supplied.)

- AC power must be off. For indoor use only. Never install during a lightning storm.
- Using insulated wire connect power source to line side of protector as follows.
- Connect your phase wire to line (L) position on TB1 and tighten screw.
- Connect your neutral wire to (N) position on TB1 and tighten screw.
- Bring your ground wire to the (G) position on TB1 and tighten screw.
- Using insulated wire connect load side of protector to equipment.
- Connect your phase wire to load position (L) on TB2 and tighten screw.
- Connect your neutral wire to load position (N) on TB2 and tighten screw.
- 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.
- Turn on AC power. Lit Green LED indicates device is powered and protection is present.

* Littelfuse
Cat. No. 326020



** Bussmann
Cat. No. FRN-R30

§ Littelfuse Cat. No. 326015

Web: www.mcgsurge.com • E-Mail: info1@mcgsurge.com
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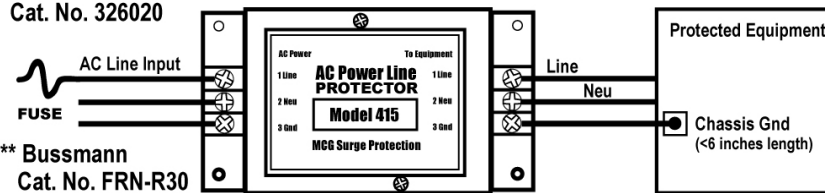
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