

Panel-Mount GFCI for Theater Dimming Systems

*A new development in
personnel protection for
entertainment-industry
lighting systems*

Definition:

Leviton's new Ground Fault Circuit Interrupter(GFCI) provides personnel protection for lighting loads controlled by phase-control dimmers. The Cat. No. 36895 GFCI is designed for convenient mounting on standard lighting equipment panels that are widely used in theaters, movie sets, exhibits and a variety of entertainment-industry settings.

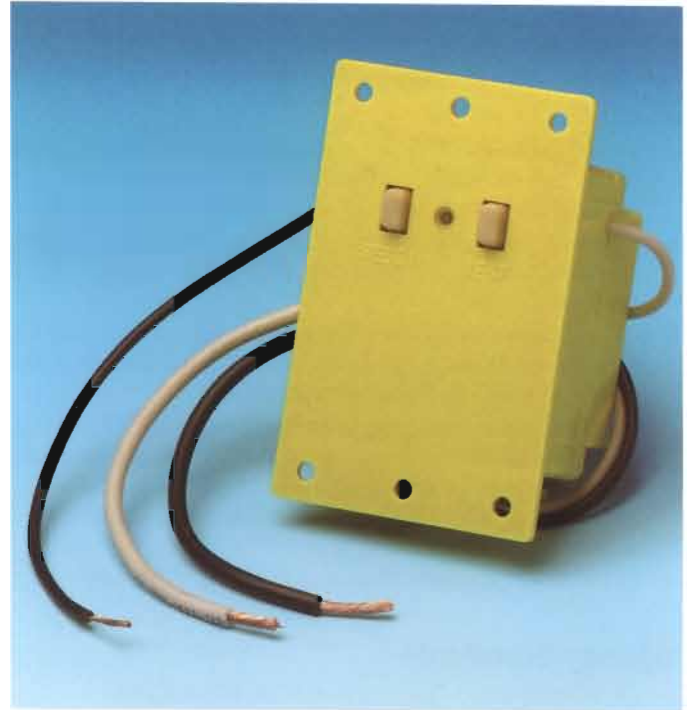
Leviton's panel-mount GFCI is powered by a separate 120 VAC line that is isolated from the dimming-controlled lighting load. This innovative circuit design enables the Cat. No. 36895 to provide UL Listed Class A GFCI protection regardless of the dimmer setting. Panel-mount GFCI's can be easily added to lighting equipment cabinets as needed to protect each dimming circuit used on the set.

Built for heavy-duty applications, the Cat. No. 36895 features a rugged, impact-resistant high-visibility yellow Lexan housing with moisture-resistant TEST and RESET buttons. To verify ground fault protection status, an indicator light will go OFF if the GFCI trips or if the power supply to the GFCI is disconnected.

Applications:

For phase-control dimming systems mounted in lighting equipment panels, typically used in:

- Theaters and Concert halls
- Indoor and outdoor movie set locations
- Exhibition halls and arenas
- A wide variety of large-scale entertainment or amusement sites



Features and Benefits:

- Provides UL 943 Class A GFCI protection (5mA±1mA) for lighting systems using phase-controlled dimmers, an important personnel-protection consideration for a broad spectrum of entertainment-industry locations.
- GFCI is powered through a 120 VAC source completely isolated from the dimming circuit to ensure ground-fault protection regardless of dimming output
- Designed for convenient mounting directly to lighting equipment panels
- Rated 20A-125 VAC for phase-controlled lighting loads. Units can be easily added to equipment panels as needed to protect each lighting load used on the set
- Rugged, impact-resistant Lexan high-visibility yellow housing, with moisture-resistant TEST and RESET buttons
- Power indicator light for fast identification of ground fault protection status. Light goes OFF if GFCI trips or if line power to GFCI is disconnected
- Open-neutral protection ensures that the GFCI will trip automatically if there's a break in the neutral conductor feeding power to the GFCI. This prevents operating phase-controlled lighting loads when GFCI protection is disabled
- Backed by Leviton's One-Year Limited Warranty

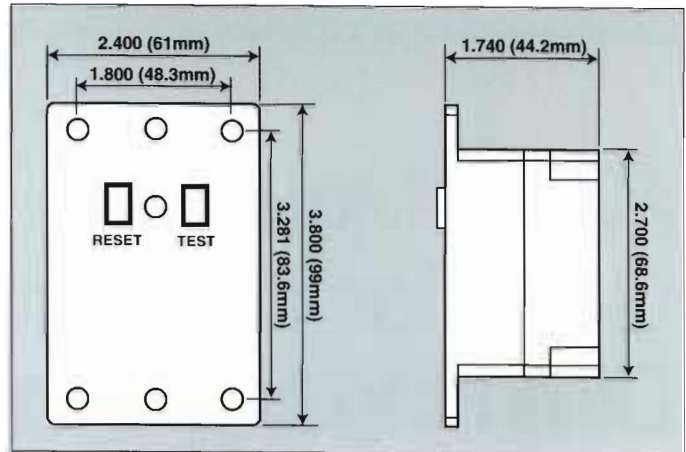
Agency Standards

- UL Recognized Component (File # E-48380)
- CSA Certified (File # LR-57811)
- UL Standard 943 Class A GFCI with open-neutral protection

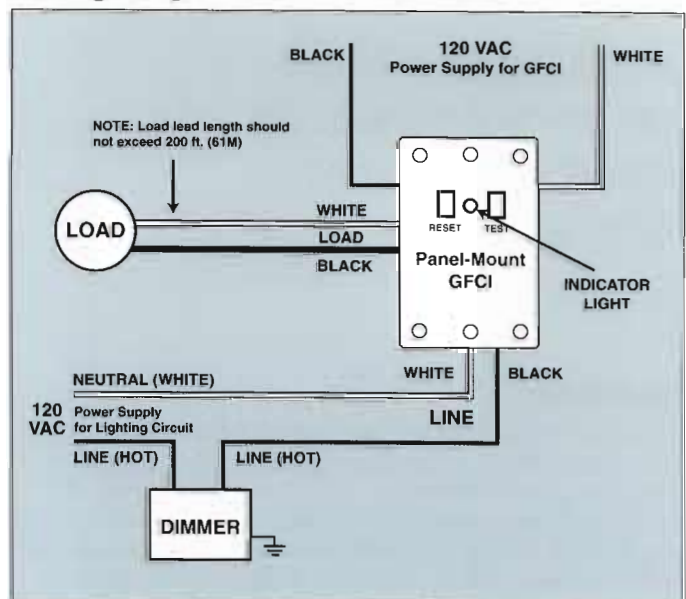
Ordering Information

Cat. No.	Description
36895	Panel Mount GFCI for phase-control theater dimming systems, rated 20A-125 VAC. Color: Yellow

Dimensional Diagrams:



Wiring Diagram:



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