

USA / Canada - Panel Mounting GFCI's

SPECIFICATIONS

- **Panel Mounting GFCI (Ground Fault Circuit Interrupter)**
- **20A-125V AC**
- **GFCI automatically resets after power interruption**
- **Power indicator light goes OFF if GFCI trips or unit is unplugged**
- **UL Recognized Component**
- **UL Standard: 943 Class A GFCI with open-neutral protection**
- **CSA Certified (Catalog No. 36895 only)**



36596



36895

See documentation for specific informations.

| Catalog No. | Rating AC | Color | Description | VPE/Pack | EDP-No. |
|--------------|-----------|--------|--|----------|------------------------|
| 36596 | 20A-125V | Yellow | Panel Mount GFCI for temporary power distribution boxes | 1 ea | 122572 |
| 36597 | 20A-125V | Yellow | Panel Mount GFCI, Commercial Grade, Basic Type | 1 ea | 122574 |
| 36895 | 20A-125V | Yellow | Panel Mount GFCI for phase-control theater dimming systems | 1 ea | 122573 |

Panel Mount GFCI

This GFCI configuration is designed for installation in any application where tampering with the GFCI must be avoided or where other GFCI cord-connected or hard-wired devices are not appropriate. The compact 36596 is supplied with leads for easy location and installation between LINE and LOAD inside equipment housings. Special moisture-resistant TEST and RESET buttons, as well as the power indicator light, are located on the front of the device. These must be exposed when mounted.

Features:

- Impact-resistant yellow thermoplastic housing
- Class A GFCI operation
- Provides open-neutral protection
- GFCI automatically resets after power interruption
- Power indicator light goes OFF if GFCI trips or unit is unplugged

Catalog No. 36596

- 20A-125V AC • UL Recognized Component E-48380
- UL Standard: 943 Class A GFCI with open-neutral protection

Panel Mount GFCI for Theater Dimming Systems

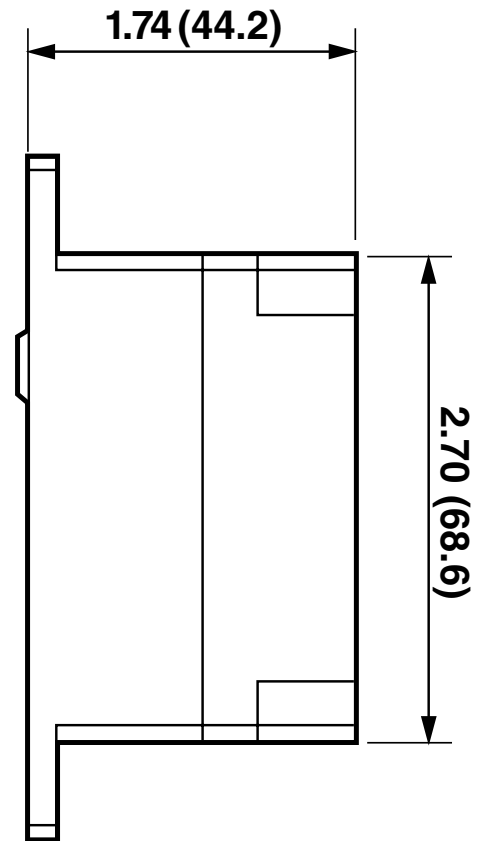
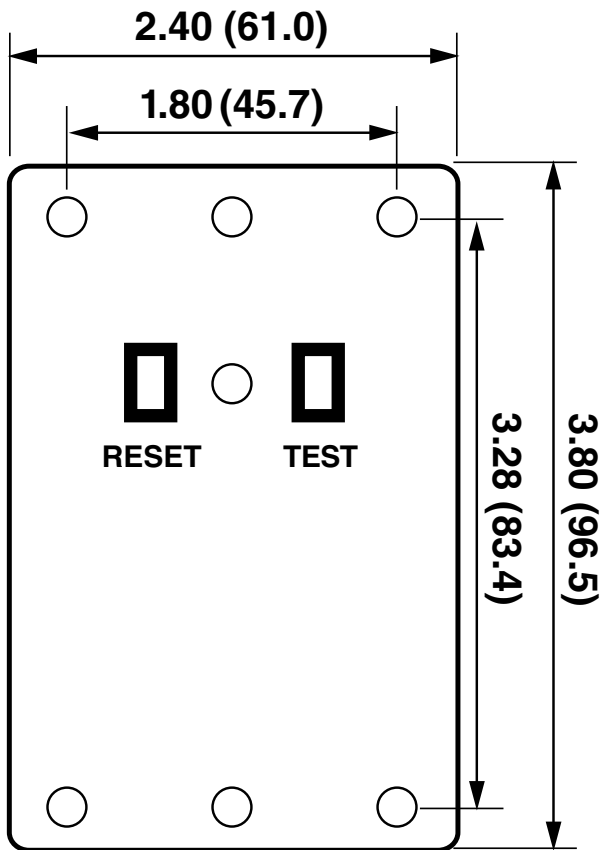
Provides personnel protection for lighting loads controlled by phase-control dimmers. Conveniently mounts on standard lighting equipment panels that are widely used in entertainment industry settings. Powered by a separate 120VAC line that is isolated from the dimming-controlled lighting load, this innovative circuit design enables Cat. No. 36895 to provide UL Class A GFCI protection regardless of dimmer setting.

Features:

- Rugged, impact-resistant thermoplastic high-visibility yellow housing with moisture-resistant TEST and RESET buttons
- Trip threshold of 5mA±1mA
- Open-neutral protection ensures GFCI will trip if there is a break in the neutral conductor feeding power to the GFCI
- GFCI automatically resets after power interruption
- Power indicator light goes OFF if GFCI trips or unit is unplugged
- Patented circuit for phase-control dimming applications

Catalog No. 36895

- 20A-125V AC • UL Recognized Component E-48380
- UL Standard: 943 Class A GFCI with open-neutral protection • CSA Certified LR-57811



To learn more about B-I-A please visit us at our
WEB site: www.BiaGmbH.com



Panel-Mount GFCI for Theater Dimming Systems

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



Definition:

This 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.

The panel-mount GFCI is powered by a separate 120VAC 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:

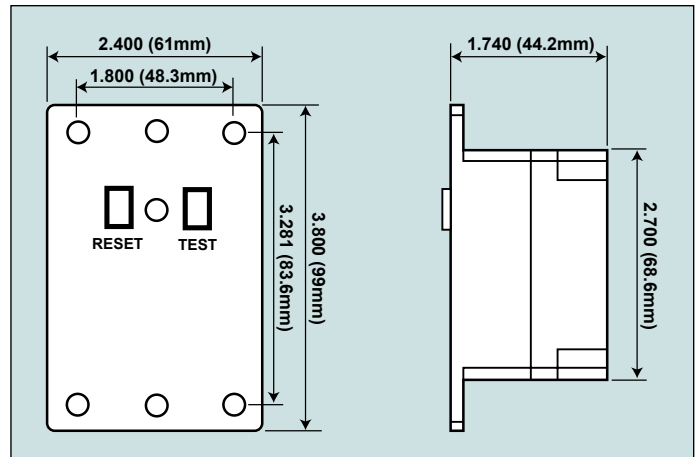
For phase-control dimming systems mounted in lighting equipment panels, typically used in:

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

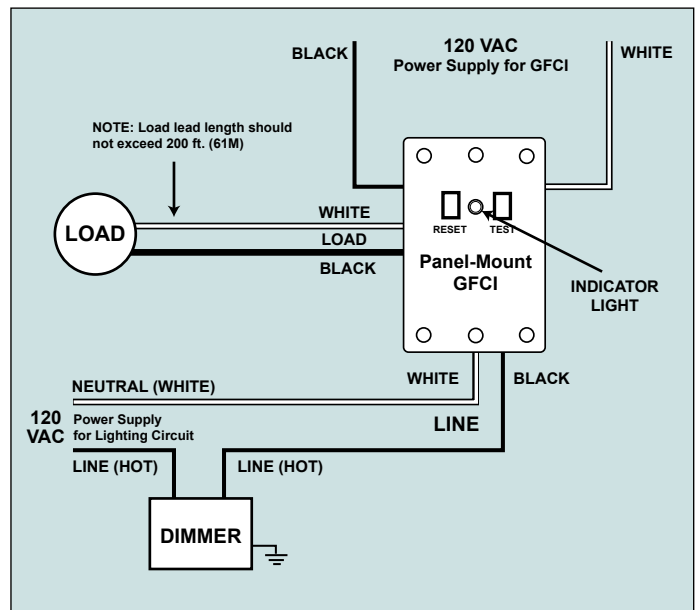
Features and Benefits:

- 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

Dimensional Diagrams:



Wiring Diagram:



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 |

To learn more about B-I-A please visit us at our
WEB site: www.BiaGmbH.com

