



Upgraded energy-saving

Emergency lighting transfer device



Product order number: GTDUM
12NC number: 913702479201

The Bodine GTDU is an upgraded generator transfer device which features a dual Listing to UL 1008 (transfer switch) and UL 924 (bypass switch). It offers the smallest form factor for a UL 1008 device, 0-10V dimming control override, while reducing AC line current and power consumption.

The GTDU senses the loss of normal AC power and bypasses the local switch device enabling emergency power directly to the luminaire/fixture regardless of how the switch is positioned.

Benefits

- Allows ON/OFF switching of generator or central inverter supplied emergency lighting
- Can be used with incandescent, fluorescent or LED lighting loads and provide full light output when in normal mode
- Suitable for indoor or damp locations and plenum rated luminaires/enclosures
- 2A electronic ballast/driver rating
- No batteries required
- Meets or exceeds Light Safety Code requirements
- Full 5-year (NOT pro-rata) warranty from date of purchase

Key upgraded features

- Dual listed to UL 1008 (transfer switch) and UL 924 (switch bypass)
- 0-10V dimming control override capable
- Reduced AC line current and power consumption
- Universal input 120-277 VAC, 50/60 Hz
- 24VDC fire alarm override capable



Emergency lighting for generator and central inverter systems

Generators are often employed to back up the normal power supply for important systems, such as lighting. Bodine offers distinct products for generator applications.

These energy-saving devices sense the loss of normal power and, in response, switch the lighting load to a generator- or inverter-fed circuit.



Family of Dimming Compatible Relays



GTD10DIM
913702478501

- Control or bypass device
- 10A max electronic driver/ballast rating
- Features a 0-10 dimmer override

GTD20A
913710855502



- Emergency lighting transfer switch (BCELTs) or bypass device (ALCR)
- 20A max for LED and fluorescent loads
- BCELTs under UL 1008; ALCR under UL 924



BLC16DIM
913702478401

- Control or bypass device
- 16A max electronic driver/ballast rating
- Features a 0-10 dimmer override
- Interfaces with fire alarm and security panels

BLCD20B
913702445901



- Control or bypass device
- 20A max for LED and fluorescent loads; 10A max for incandescent loads
- Features auto-select for voltage (120/277V)
- Not compatible with 0-10V dimming systems

ALCR means Automatic Load Control Relay. These products do not switch between two sources of power like transfer switches. They either bypass a local switch or emulate the switch state based on input status. In addition, the emergency lighting load is always fed from an emergency circuit breaker panel whereas a transfer switch permits the emergency lighting load to be fed from the normal circuit breaker panel (see following diagram).

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.

