



Generator Transfer Device for generator or central inverter supplied lighting
UL 924 Listed for switch bypass (shunt) applications
Low profile for use in most linear luminaires
AC inputs fused to three (3) amps

Product order number:

GTDM

GTDMBA

12NC number:

913710834802

913702491901

Project:

Location:

Cat.No:

Type:

Qty:

Notes:

Specifications

UL Listed for US and Canada

UL 924 Listed for factory or field installation as a
Switch Bypass
Also tested to CSA 22.2 No. 141 as a Switch Bypass

Input Voltage

120/277 VAC, 50/60 Hz

AC Input Current

280 mA

AC Input Power Rating

1.6 Watts

Switched Load Rating

Up to 277 VAC, all inputs fused to 3 amps

Temperature Rating (Ambient)

-20°C to +65°C (-4°F to 149°F)

Dimensions

8.00" x 1.18" x 1.18" (204 mm x 30 mm x 30 mm)
Mounting Center 5.98" (152 mm)

Weight

0.50 lbs (0.23 kg)

Warranty

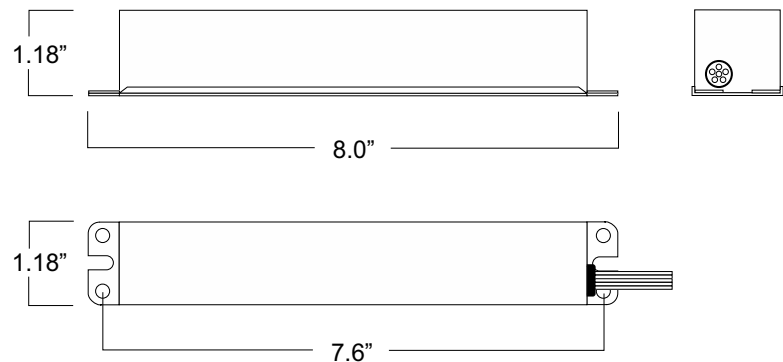
5 Years (NOT pro-rata)

Benefits

- Allows ON/OFF switching of generator or central inverter supplied emergency lighting
- Can be used with incandescent, fluorescent or LED lighting loads
- Suitable for indoor or damp locations and plenum rated luminaires/enclosures
- Inputs fused to 3 amps
- No batteries required
- Meets or exceeds Life Safety Code requirements
- Full 5-year warranty from date of purchase (NOT pro-rata)

Dimensions

8.00" x 1.18" x 1.18" (204 mm x 30 mm x 30 mm)
Mounting Center 7.60" (193 mm)



GTD Generator Transfer Device

Emergency Lighting Control Device for Generator and Central Inverter Applications

Application

The GTD generator transfer device works in conjunction with an auxiliary generator or a central inverter system to power existing incandescent, fluorescent or LED fixtures for egress lighting regardless of fixture wall switch position. The device consists of relay switching circuitry in one compact galvanized steel case. One generator transfer device per fixture is used to bypass the fixture wall switch, allowing the building's generator (or central inverter) to operate switchable fixtures at full illumination. The generator transfer device is suitable for indoor or damp locations and for sealed and gasketed fixtures. Recommended applications include: auditoriums, classrooms, hospital, offices or any other location with generator (or central inverter) supplied lighting.

Operation

The GTD generator transfer device senses the loss of normal power and switches the AC ballast or driver input power connection to an unswitched, generator (or central inverter) supplied lighting circuit.

No routine maintenance is required to keep the GTD functional; however, like other life safety equipment, it should be checked periodically to ensure that it is working properly.

Installation

The GTD generator transfer device does not affect normal fixture operation and comes fully assembled to mount inside, on top of or remote from the fixture ballast (top of fixture and remote installation requires other hardware). In addition to available wiring, the device requires a direct, unswitched connection to a generator (or central inverter) supplied emergency panel and an unswitched source on the normal branch circuit for sensing (see diagram below).

UL and Code Compliance

The GTD has been tested by Underwriters Laboratories in accordance with the standards set forth in UL 924, "Emergency Lighting and Power Equipment and is UL Listed for factory or field installation.

Specification

Generator (or central inverter) supplied egress lighting shall be provided by using a standard incandescent, fluorescent or LED fixture equipped with a Bodine GTD generator transfer device. The device shall be capable of bypassing the wall switch when the auxiliary generator (or central inverter) powers lighting. The device shall consist of relay switching circuitry contained in one 8.00" x 1.18" x 1.18" galvanized steel case; shall operate at 120 or 277 VAC, 50/60 Hz; shall be rated for up to 3 amps maximum (switched load); shall draw 280 mA and 1.6 Watts during normal operation; and shall comply with the current NEC. The device shall be UL Listed for installation inside, on top of or remote from the fixture and shall be warranted for a full five years from date of purchase.

Warranty

The GTD generator transfer device is warranted for five (5) full years from date of purchase. Please see detailed warranty information on our website.

Schematic

