

GTD™ Series Generator Transfer Device Frequently Asked Questions

1. Does the GTD have a test switch?

No. A test switch is not provided with the GTD. Neither Underwriters Laboratories nor the National Electrical Code requires it for this special type of device. Therefore, the GTD, which is UL 924 approved, does not require a test switch or derangement signal (indicator light) as is required in typical emergency lighting devices.

2. How many GTDs are required per fixture?

One GTD should be used per fixture, although certain dimming applications may require more than one. (Note that the GTD can be used with a multi-ballast arrangement, provided the ballast current requirements do not exceed the GTD current rating of 3 amps.)

3. Can the GTD be mounted remotely from the fixture if there is no room in the fixture or if a compact fluorescent downlight is used?

The GTD may be remotely mounted, but this type of mounting requires an enclosure and/or other hardware accessories that are not provided with the GTD. Please contact the factory for suggested solutions.

4. What is the maximum load we can connect to the GTD?

You can connect any fluorescent AC ballast load up to 3 amps.

5. What UL requirements does the GTD meet?

The GTD has been tested to emergency lighting equipment requirements per UL 924.

6. Can the GTD be used in night-light fixtures?

Generally speaking, no. The GTD is designed to convert a switched fixture (not a “night-light” fixture) into an emergency light when a backup generator is available. Moreover, use of the GTD will eliminate the need for dedicated “night-light” fixtures.

7. Does the GTD start the genset?

No. The GTD does not start the “genset.” The “genset” operates through its own internal controls and is independent of the GTD.

8. Can the GTD be used with central inverter systems?

Yes.

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Frequently Asked Questions

9. Is the GTD electrically or mechanically held?

The GTD is electrically held in the normal power position. It switches to the generator position, a fail-safe position, with no power applied.

10. Do the hot and neutral contacts switch simultaneously?

The hot and neutral contacts operate from the same sensing source using identical relays but are not synchronized.

11. Is the 3A fusing internally provided with the unit, or is it externally wired?

All GTD fusing is internally provided.

12. Does the NEC allow the ballast channel to act as the wiring enclosure?

Yes. Article 700.9 (B) in the 2002 NEC- addresses this issue.

13. Can the GTD be used in damp locations?

Yes.

14. Can the GTD be used with incandescent or HID fixtures?

No. The GTD is compatible only with fluorescent fixtures. However, there are plans to introduce additions to the GTD family that will be compatible with fixtures other than fluorescent.

Any Questions? Call 800-223-5728, Fax 901-853-5009 or E-mail info@bodine.com