



RCT[™] Module

Remote Control Testing Module



*Remote Control Testing For
Existing Fluorescent Emergency Fixtures*

U. S. Patent Pending

RCT™ Module

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*To ensure that emergency lighting is functioning properly at all times, the National Electrical Code and Life Safety Code require periodic testing and written records of test results for all emergency lighting. This task can be difficult and time-consuming if maintenance personnel need a ladder or extension device to reach the emergency fixture's test switch. Now testing fluorescent emergency fixtures is as easy as: POINT-CLICK-TEST. To enable testing from a remote location, retrofit existing Bodine fluorescent emergency fixtures with **RCT Module**.*

Application

The **RCT** remote control testing module works in conjunction with an AC ballast, Bodine emergency ballast and Bodine remote control transmitter to convert existing fluorescent fixtures into remote control testing emergency lighting. The module consists of an infrared receiver and electronic circuitry in one compact galvanized steel case.

Suitable for use in indoor-dry or damp location fixtures EXCEPT air handling heated air outlets, and wet or hazardous location fixtures, **RCT Module** can be used with select Bodine emergency/backup ballasts: B33, B30, B50, B50U, BDL500, B60, BDL600, B84C, B426, BDL426, LP550, GEN1 and GEN3. A WHRCT remote control transmitter (sold separately) is required. One remote control transmitter can be used to test any fixture equipped with the **RCT** feature. **RCT-A Module** comes fully assembled and ready to mount in the fixture's ballast channel. **RCT-C Module** comes fully assembled with two feet of flexible conduit and plenum-rated infrared receiver cable for installation on top of or remote from the fixture.

Recommended applications: fluorescent emergency lighting fixtures in high bay, auditorium, gymnasium and conference room applications.

Operation

The **RCT Module** uses internal relays to control the AC power supplies that feed the AC ballast and Bodine emergency ballast. To activate a remote control test sequence, point the remote control transmitter toward the module's infrared receiver, select the 30-second or 90-minute test, and observe test results. No routine maintenance is required to keep the **RCT Module** functional; however like other life safety unit equipment, it should be checked periodically to ensure that it is working properly.

About The Manufacturer

Since 1962, The Bodine Company, Inc. has responded to advancements in lamp/ballast technologies by developing a complete line of fluorescent emergency lighting solutions for a variety of lighting applications. Products are sold through a nationwide network of manufacturers' representatives and electrical distributors for field installation, or directly to lighting fixture manufacturers for factory installation only. The Bodine Company is an employee-owned organization. All manufacturing, engineering and sales facilities are based in Collierville, Tennessee. The Bodine Company is a member of the Illuminating Engineering Society of North America (IESNA) and the National Electrical Manufacturers Association (NEMA).

Warranty

The **RCT Module** is warranted for five full years from date of purchase. This warranty covers only properly installed remote control testing modules used under normal conditions. For the warranty period Bodine will, at its option, repair or replace without charge a defective module, provided it is returned to the factory transportation prepaid, and our inspection determines it to be defective under terms of the warranty. Repair or replacement, as stated above, shall constitute the purchaser's exclusive warranty, which does not extend to transportation, installation, labor or any other charges; nor does it apply to any equipment of another manufacturer used in conjunction with the module.