



Testing Made Easy

Remote Control Technology for Emergency Lighting
The Philips Bodine RCT Series

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Point-Click-Test

The NFPA 101® Life Safety Code®, among others, mandates that emergency lighting be tested regularly. Testing helps to ensure emergency lighting is working properly whenever it's needed, which is critical to occupant safety and can be a significant factor should liability issues arise. Testing is not optional. It is, however, often costly and time consuming. The Philips Bodine remote control testing technology for emergency lighting reduces both the time and expense in meeting code while making it easier to do the most important thing - keep people safe.

Manual testing requires maintenance personnel to use ladders or extension devices to access emergency lighting units. To comply with the Life Safety Code, maintenance personnel must take their ladders or extensions into what may be high traffic areas every 30 days to conduct a 30-second test of emergency operation for each emergency fixture, exit sign and emergency lighting wall pack. A 90-minute annual test is also required. The time, inconvenience, potential hazards and related expense involved in the testing process are evident and may, in some cases, result in compliance failure. Remote control technology provides a welcome change.

Benefits of Remote Control Testing

Remote control testing with CheckMate or RCT greatly improves the testing process. It reduces testing time, reduces testing costs in terms of labor hours, dramatically lessens the workload and inconvenience involved, can be done with minimal interruption to normal facility activities and, most importantly, provides assurance that emergency lighting will be there when it's needed. If simplified testing with big benefits is your goal, contact Philips Emergency Lighting at 800-223-5728 or visit our website, www.philips.com/bodine.

Remote Control Testing models include the CheckMate ETI, B30RCT and B50RCT. Two retrofit RCT modules, RCT-A (without conduit) and RCT-C (with conduit), are also available. The RCT modules work in conjunction with select Philips Bodine emergency/backup ballasts and an AC ballast to convert existing emergency lighting fixtures into remote control test emergency lighting units.

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Recommended uses include buildings with fluorescent high bay fixtures, theater auditoriums, gymnasiums, conference rooms and any other location with heavy traffic patterns or hard-to-reach fixtures.



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CheckMate ET I

The CheckMate ET I provides remote control testing for existing exit signs and emergency lighting wall packs.

Operation

The CheckMate ET I remote control testing unit uses an internal relay to control the AC power supplied to an exit sign or emergency lighting unit. To activate a remote control testing sequence, point the WHRCT remote control transmitter (sold separately) toward the module's infrared receiver, select the 30-second or 90-minute test and observe test results. The CheckMate ET I does not inhibit traditional testing of the exit sign or the emergency lighting unit. Traditional testing can be performed by means of the test switch or circuit breaker.

Highlights

- Installs easily on existing exit signs and wall packs
- Permits testing from up to 32 feet away
- Requires only one handheld WHRCT remote control transmitter per job site
- Includes 30-second and 90-minute test options, in accordance with code
- Uses infrared technology that resists radio frequency (RF) signals, noise and other interference
- Suitable for damp locations
- Universal input (120-277 VAC, 60 Hz)
- Dimensions: 4.06" L x 1.26" W x 1.03" H
- 5-Year Warranty
- UL Listed

RCT Remote Control Testing Fluorescent Emergency Ballasts

Bodine's RCT Remote Control Testing Fluorescent Emergency Ballasts turn fluorescent fixtures into remote control test units.

Operation

When AC power fails, the RCT immediately switches to the emergency mode, operating either one or two lamps for a minimum of 90 minutes. When AC power is restored, the RCT automatically returns to the charging mode. During remote control testing, the RCT simulates an AC power failure by causing the emergency ballast to switch to emergency mode and then conducting a 30-second or 90-minute discharge test to monitor emergency ballast operation. When testing is complete, the RCT returns to the charging mode.

Highlights

- Permits testing from up to 32 feet away
- Requires only one handheld WHRCT remote control transmitter per job site
- Includes 30-second and 90-minute test options, in accordance with code
- Uses infrared technology that resists radio frequency (RF) signals, noise and other interference
- Is installed inside or on top of the fixture
- 5-Year Warranty
- UL Listed

PHILIPS BODINE REMOTE CONTROL TESTING

Model	Lumen Output	Lamps Operated
B30RCT	1800-3000	17 - 215 W (2' - 8') T5, T8, T9, T10 or T12 fluorescent lamps without integral starters, U-shaped, HO, VHO, circline and energy-saving, and (4-pin) twin and quad compacts.
B50RCT	900-1400	17 - 215 W (2' - 8') T8, T9, T10 or T12 fluorescent lamps without integral starters, U-shaped, HO, VHO, circline and energy-saving, and (4-pin) twin and quad compacts.



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