

# CheckMate™ ET1

PHILIPS  
bodine

## Installation Instructions REMOTE CONTROL TESTING MODULE



### **! IMPORTANT SAFEGUARDS !**

WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

### **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**

1. This product is for use with battery-operated exit signs and other emergency lighting units.
2. Make sure all connections are in accordance with the National Electrical Code and any local regulations.
3. To reduce the risk of electric shock, disconnect normal power before servicing.
4. This product is for factory or field installation.
5. This product is for use in indoor or damp locations. This product is NOT suitable for wet or hazardous locations.
6. An unswitched AC power source is required (120 or 277 VAC, 60 Hz).
7. Do not use this product for other than intended use.
8. Servicing should be performed by qualified service personnel.
9. Keep the remote control testing module IR receiver lens free from paint or obstruction.

### **SAVE THESE INSTRUCTIONS**

### **! SERVICE BY QUALIFIED PERSONNEL ONLY !**



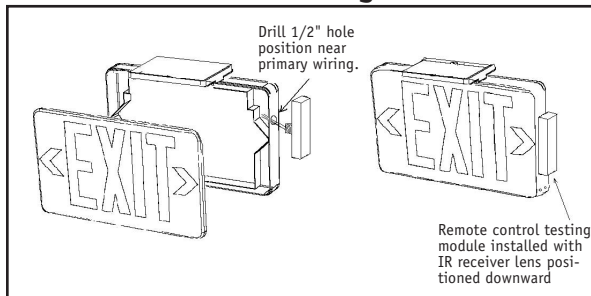
**WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DISCONNECT POWER SOURCE PRIOR TO INSTALLING OR SERVICING THIS UNIT.**

NOTE: Make sure that the necessary branch circuit wiring is available. An unswitched source of power is required. Familiarize yourself with these instructions before beginning installation.

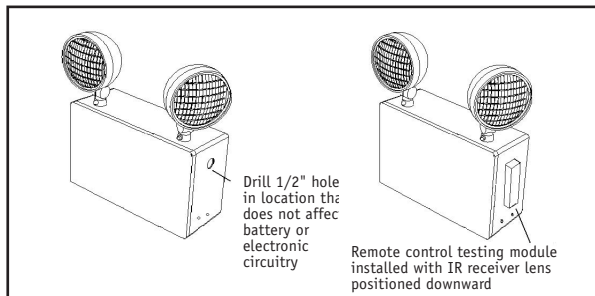
#### **STEP #1 ▶ INSTALLING THE REMOTE CONTROL TESTING MODULE**

- > Disconnect AC power from the emergency lighting unit.
- > Open the emergency lighting unit enclosure to gain access to the internal compartment.
- > Drill 1/2" hole in enclosure for mounting the remote control testing module. Position the hole so the remote control testing module does not interfere with the internal circuitry or battery. Place the threaded shaft in the hole and secure the remote control testing module using the provided washer and nut. Tighten the nut firmly.

#### **ILLUSTRATION 1 - Exit Sign Installation**



#### **ILLUSTRATION 2 - Wall Pack Installation**



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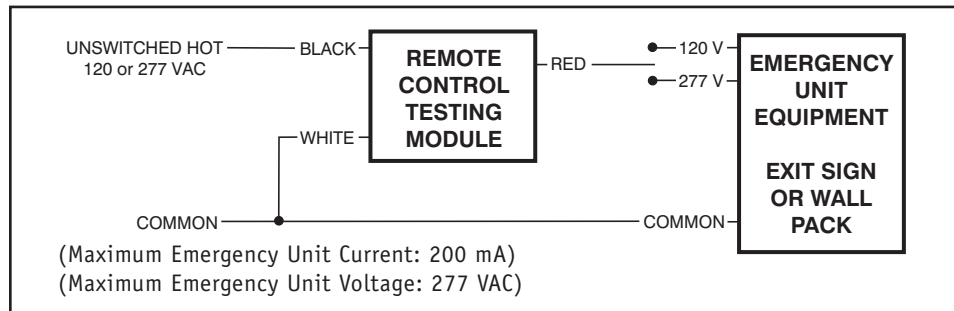
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## STEP #2

### WIRING THE REMOTE CONTROL TESTING MODULE

- > Connect the remote control testing module white wire to both the common (neutral) from the incoming AC line and the common (neutral) of the emergency unit (see illustration 3).
- > Connect the remote control testing module red wire to the AC input lead of the emergency unit. Select the proper lead wire on the emergency unit for the source voltage present (see illustration 3).
- > Connect the remote control testing module black wire to the incoming, unswitched AC line (see illustration 3).
- > Install the emergency unit to the ceiling or wall as described by the original equipment instruction, then attach the face plate or housing cover.
- > After installation is complete, apply AC power.
- > Keep the remote control testing module receiver lens free from paint or obstruction.

**Illustration 3 - Remote Control Testing Module Wiring**



## OPERATION

The remote control testing module uses an internal relay contact to control the AC power supplied to the emergency lighting unit. When activated, the relay contacts open, simulating a power failure.

**IMPORTANT NOTE:** A handheld remote control transmitter (Bodine model WHRCT, sold separately) must be used to activate the remote control testing module.

The remote control testing module adds a remote control testing feature to the battery-operated exit sign or wall pack. This allows the emergency unit to be tested from a remote location. A handheld remote control transmitter (Bodine model WHRCT, sold separately) is required to use this feature. Testing of emergency unit operation can still be accomplished by turning AC power off at the circuit breaker or by depressing the test switch.

The handheld remote control transmitter has three push-buttons: one for initiating a 30-second test, one for initiating a 90-minute test, and one to abort either test and reset to its "normal" AC mode. The push-buttons are a momentary action and do not need to be held down. The internal circuitry of the remote control testing module controls the actual testing.

After installation is complete and AC power is supplied to the emergency unit, stand beneath the unit to be tested and point the remote control at the infrared receiver lens. Press the 30-second test or 90-minute test button on the remote control transmitter. The remote control testing module simulates a power outage causing the emergency unit to operate in emergency mode for 30 seconds or 90 minutes (depending on test button depressed). (Note: If installing unit equipment for the first time, please refer to your unit equipment's installation instructions to determine a minimum charge period before testing.)

To cancel a test at any time, point the remote control transmitter at the infrared receiver lens and press the Reset button. The remote control testing module automatically restores the unit to its operational state before the test.

## MAINTENANCE

No routine maintenance is required to keep the remote control testing module functional. However, it should be checked periodically to ensure that it is working properly.