



Powering Business Worldwide



Installation Instructions for the Firehouse (#70-8635) Rev.2 3/23/20 Self Monitoring Emergency Signaling Device (Type SM)

DANGER



Hazardous voltage. Can cause severe injury or death.

Turn off main power before opening panel.

WARNING

Eaton Electrical Inc. strongly recommends that these products be installed by a qualified electrician.

IMPORTANT - INSTALL EQUIPMENT IN CONFORMANCE WITH CODES

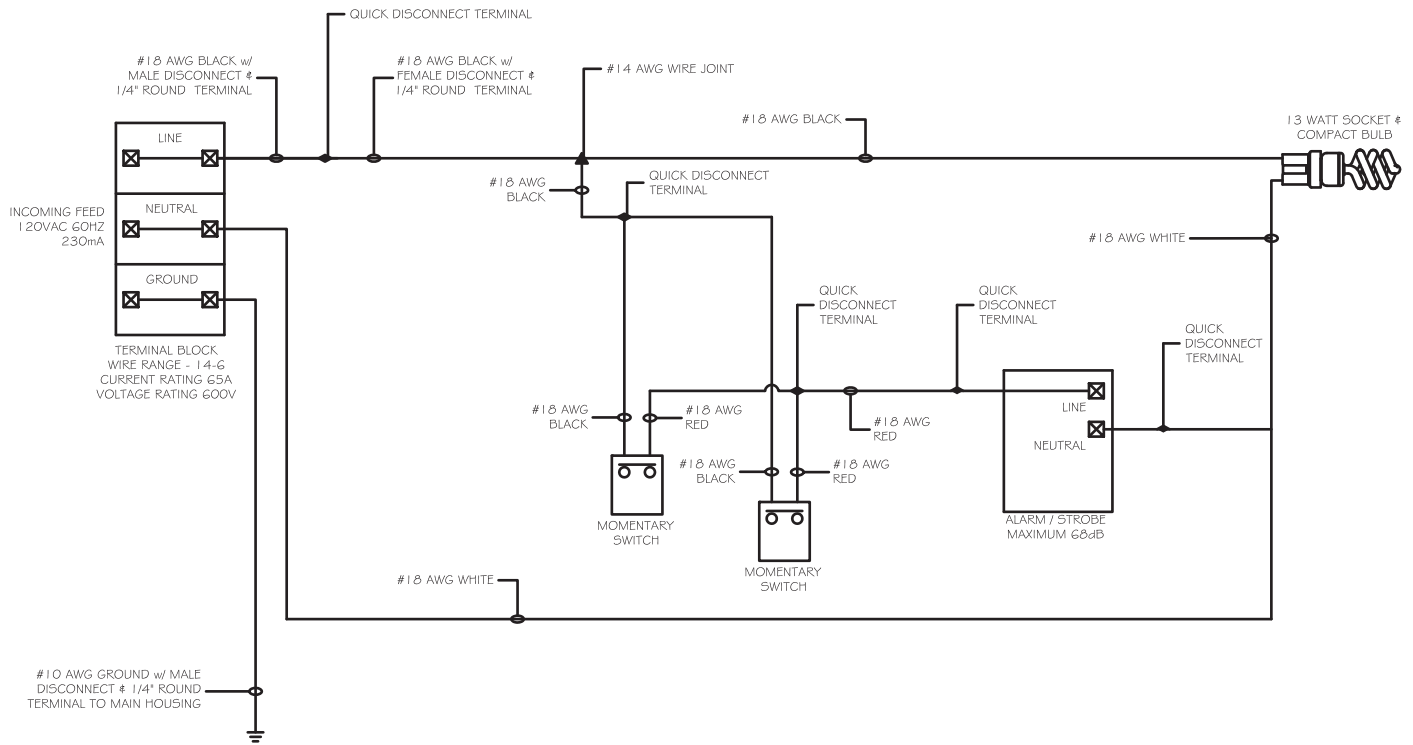
This product must be installed in accordance with the National Electric Code (NEC) or the Canadian Electrical Code (CECO) and any applicable local codes. Before installing equipment, check with your local electrical inspector for requirements and information. If you have questions or need assistance, contact a qualified electrician.

WARNING

Turn off or disconnect the power supplying this equipment before beginning work.

This may require that you contact your electric utility to disconnect power to an existing load-center. The line side of the main breaker is energized unless power is disconnected upstream. Eaton Electrical, Inc. will not assume responsibility for property damage or personal injury resulting from misuse of the information in this publication.

Wiring Diagram



Installation

Maximum ambient temperature 25° C
Environmental temperature range -40 to 66° C

We strongly recommend that a qualified electrical contractor install this unit.

1 Mounting the Unit

! Note

Always use stainless steel mounting hardware and a stainless steel washer between the bolt head and the mounting feet.

The unit is shipped with mounting feet attached to the housing. Secure the mounting feet to the dock with a bolt or lag screw through each of the four 1/2" holes (with the mounting plate studs facing up). The four holes in the mounting feet can be used as a drill guide template or as a template guide for casting studs in concrete.

• On Concrete Docks

At each corner, utilize four 3/8" stainless steel compression bolts, or threaded rod set in the concrete on 5" x 10 1/2" centers for through-hole mounting of the Firehouse base.

• On Wood Docks

At each corner, utilize four 3/8" stainless steel bolts or lag screws on 10 1/2" x 5" centers for through-hole mounting of the Firehouse base.

• On Both Concrete and Wood Docks

The mounting surface must be flat and level. If cupped deck boards or an irreg-

ular concrete surface are under the base mount feet, stainless washers should be used to shim the base level before the tightening the mounting bolts or screws.

2 Connecting Power Supply to the Firehouse SS

Remove the four screws holding the lens top to the unit.

Remove the four screws holding the access panel to the bottom front of the unit.

Pass the supply wires through the channel located in the back of the base section until sufficient wire exits the top of the channel located at the bottom of the light assembly.

Place the unit and secure the mounting screws to the dock.

Connect the wires to the appropriate line, neutral, and ground terminals. Incoming wire range 14-6 AWG.

Reinstall both the lower access panel and the light assembly.

! Note

If difficulty is encountered when running the wires in the channel, remove the small plate located about three-quarters of the way up the channel to help the wires by the switch assembly. Reinstall the cover plate after wiring.

Testing

! Note

Test monthly to insure proper function of the Firehouse.

Open access door to extinguisher. Alarm and strobe will sound and flash.

Lift life ring completely from bracket. Alarm and strobe will sound and flash.

If alarm/strobe does not function, check momentary switch function and proper wire termination at terminal block.

Maintenance

Eaton - Marina Power and Lighting produces units that are designed to withstand the harsh marine environment. Very little maintenance is required to keep the units looking new for many years and to keep the warranty effective.

1 Exterior Maintenance

To remove of dirt, grime, and bird droppings, use a mild solution of dishwashing detergent at approximately one teaspoon per gallon of warm water. Once clean, follow up with a water based insect spray to kill the spiders around the base and main housing of the unit.

DO NOT use a petroleum based insect spray.

DO NOT use any solvent or corrosion inhibiting products on any part of the unit. This can cause serious stress cracking of the engineered resins and will void warranty.

2 Interior Maintenance

! Note

Before attempting the following maintenance procedures, turn off the power to the unit at the power supply panel.

DO NOT spray any solvents on the electrical components. Solvents will cause stress cracking of the polymeric materials and will void warranty.

Parts

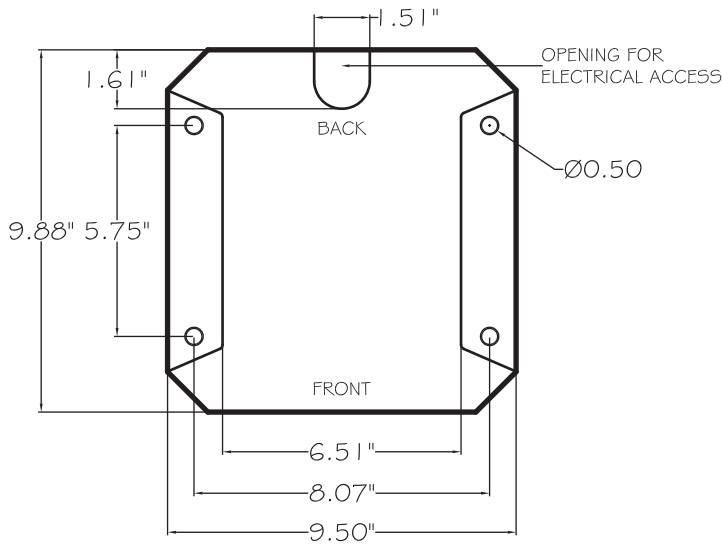
Save 10% When You Buy Parts and Pedestals Online!

Please visit www.marinapower.com for a full parts listing.

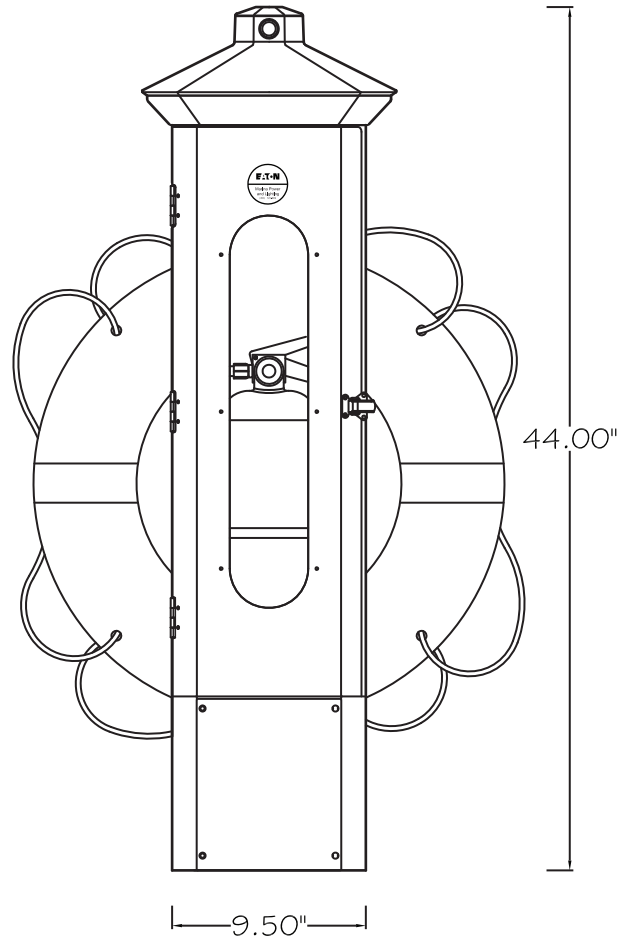
To request a parts handbook:

- Call 1-800-723-8009 or
- E-mail marinaparts@eaton.com

Base Diagram



Dimensions



Eaton Marina Power & Lighting Warranty Information

Our Quality Pledge

As Eaton Corporation approaches its 100th year anniversary, we are proud to say that our quality and ethics remain as critical to the business today as in they did in the company's first years. Eaton is dedicated to developing and manufacturing the highest quality products while keeping true to our corporate ethics. Our warranty is one way that we strive to be the most admired company in our markets.

Product Warranties

Non-Metallic Pedestal Housings Limited Lifetime Warranty*

With our engineered resin housings, our non-metallic pedestals withstand the harshest environments and are backed with a Limited Lifetime warranty to be free from failure due to defects in workmanship and material under normal use and service for the lifetime of the Product.

Stainless Steel Pedestal Housings Limited Lifetime Warranty*

We design and manufacture stainless steel pedestals to any specification and build them in our state-of-the-art facility from start to finish. Our metallic pedestals withstand the harshest commercial environments and are warranted to be free from failure due to defects in workmanship and material under normal use and service for the lifetime of the Product.

Electrical Components 1 Year Limited Warranty

All electrical components, including breakers, receptacles, and internal wiring devices are covered by Eaton's standard 25-000 electrical component warranty of 12 months from installation or up to 18 months from purchase.

Electronic Metering & LED Lighting 3 Year Limited Warranty

We engineer and manufacture a line of electronic meters and LED lighting products. These products are warranted to be free from failure due to defects in workmanship and material under normal use and service for three years from the date of purchase.

Installation and Maintenance Procedures

We ask our customer to review and follow the proper installation and maintenance procedures supplied with all of our products. With our dedication to quality and your dedication to proper upkeep, our products will provide you with the dependability and longevity that your business demands. See Operation and Installation Manuals for proper installation, maintenance, and use; failure to comply may cause product warranties to be void.

To obtain warranty service, discuss extended warranties or for questions contact us at www.marinapower.com or call us at 800-258-8800

* This Marina Power & Lighting product series warranty summary is intended to only supplement the "Warranty" provision of Seller's Selling Policy 25-000. All other terms and conditions contained in the Selling Policy 25-000 remain in full force and effect.

* The minimum expected life of our

pedestal products is 60 months from installation or automatic warranty registration.

* Maintenance procedures include the requirement to periodically wash all pedestals with mild soap and water touching up paint when necessary.

Disposal Recommendations

* It is recommended the unit be completely disassembled prior to disposal.

* The following components shall be recycled at a specialized facility: CFL Bulbs, LED bulbs, plastic housing and lens, wiring devices, sillcock valves, circuit breakers and fuses, meters and electronic equipment.

* The following components shall be scrapped: Steel housings, hardware, wire, busbar

* If in doubt on recommended disposal/recycling procedures, feel free to contact Eaton for further guidance.

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