



Ferndale

Safety

Toll-Free: 855-326-1243
<https://www.ferndalesafety.com>

**APPLIES TO MODELS:
STARTER1**

**ANTI-RESTART PROTECTION & MOTOR STARTER BOX WITH START, STOP,
AND EMERGENCY STOP BUTTONS**

INSTALLATION GUIDE.



Thank you for your purchase of our motor anti-restart device and motor starter. You now have the highest quality electrical product available.

Disclaimer

Only qualified technicians or electricians should install the product. The installation of the product requires specialized knowledge and training in electrical systems. It should only be performed by qualified technicians or electricians with the necessary skills and experience to safely and correctly install the product. Please read this disclaimer carefully before proceeding with installing the product. Attempting to install the product without the proper qualifications, knowledge, or experience may result in serious injury or property damage. In addition, failure to comply with the installation instructions may also void any warranties or guarantees accompanying the product. By installing the product, you acknowledge that you have read this disclaimer and understand the risks associated with improper installation. You agree to release the manufacturer, seller, or any other related parties from any liability for injuries, damages, or losses that may result from the installation of the product by an unqualified person. Therefore, the manufacturer strongly recommends that you seek the services of a qualified technician or electrician to install the product.

Mounting and Installation

For an electrical connection, you may need one or more of the following (Not Included).

- Wire strippers
- Screwdrivers (Phillips/Crosshead/Pozidriv)
- Drill
- Utility knife
- Hole saw or step drill (7/8")
- Cable glands
- Cable connectors

STEP 1

Remove all power sources! Make sure to remove all electrical power before commencing.

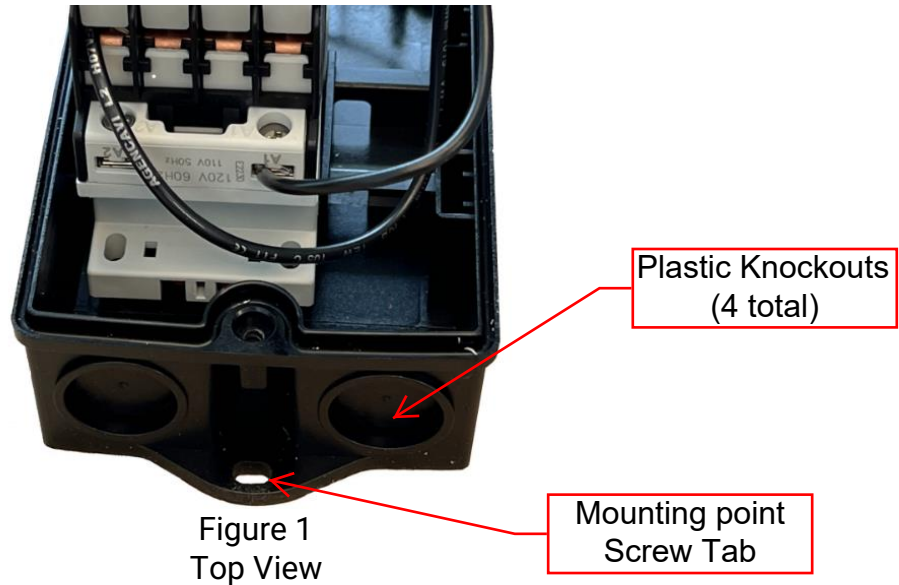
Remove the front cover by loosening the two crosshead screws on the top and bottom of the front cover.

Optional:

You may remove the contactor by pulling it down (You will feel a spring resistance) and unclipping the bottom by pulling it towards you. You may also remove the contact block and plastic mounting bracket. To do this, firmly grip the plastic mounting bracket by the base and pull it straight out.

STEP 2

Remove the number of plastic knockouts required. We recommend opening a minimum of two knockouts—one for the motor cable and one for the line input. Remove a third knockout if you plan on connecting an interlock switch. You can use a cable gland (non-included) as a punch and a hammer to do this or a flathead screwdriver.



STEP 3

Mount the black-colored mounting base to any surface using two #8 or #10 screws. Use the two provided screw tabs on the top and bottom of the mounting base.

STEP 4

Run your cables through the knockout holes using a cable gland (not included) and connect the ground wires to the grounding screw in the bottom left corner of the base.

Optional:

Reinstall the contactor, contact block, and plastic mounting bracket if you removed them in step 1.

STEP 5

Connect your line cable, motor cable, and optional interlock cables to the contactor. Use figure 1 on page 4 and the electrical schematic on page 5 as a reference.

STEP 6

Reinstall the front cover, and take care not to pinch any wires. When reinstalling the front cover, push the green button to ensure it feels solid. You might have pinched a wire between the lid and the contact block if it feels soft.

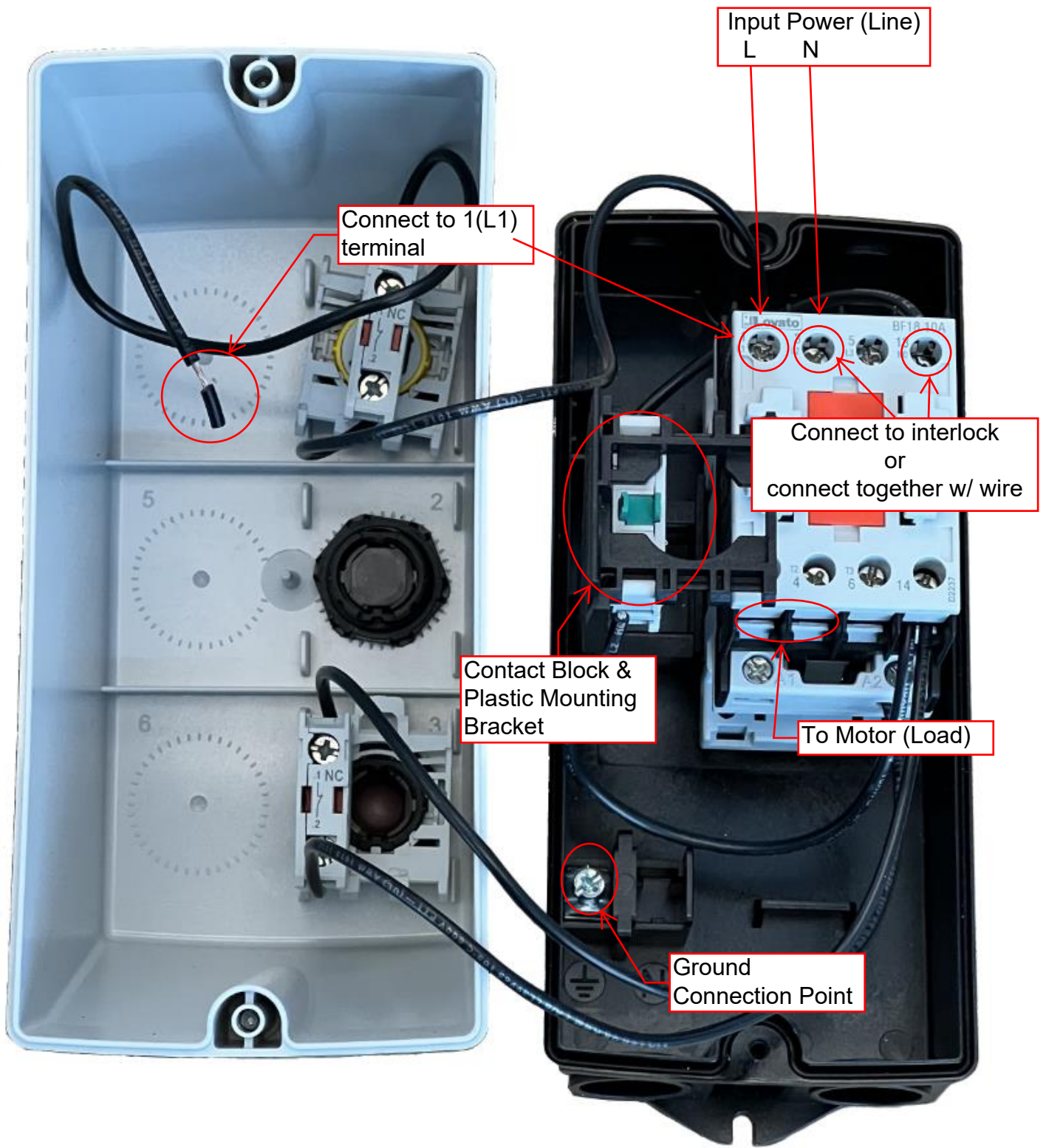


Figure 2
Front Cover Open, Showing Internal Components

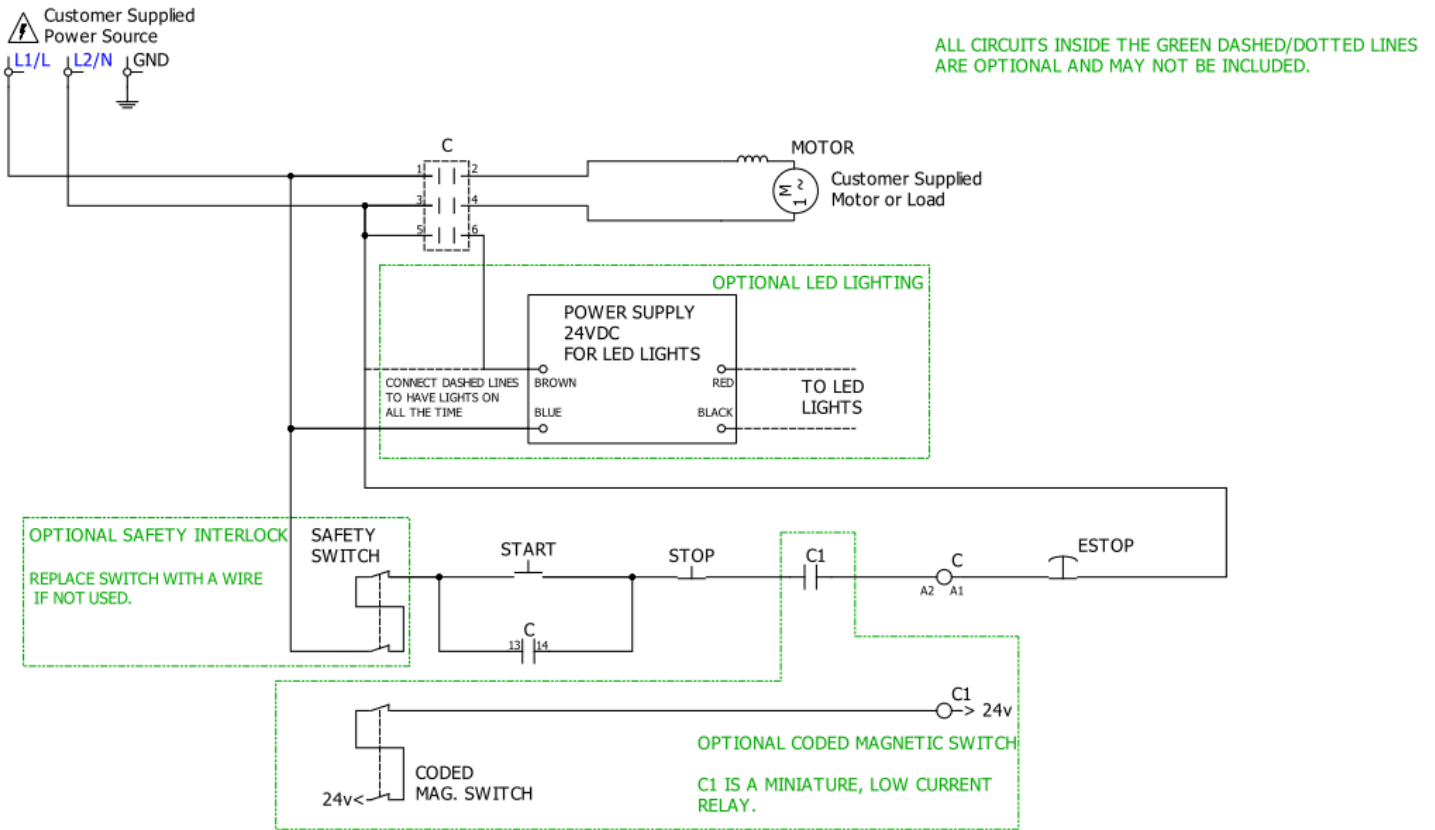


Figure 3
Electrical Schematic

Electrical Characteristics

Input
120VAC, single phase, 60Hz

Output
1HP Maximum motor load

Spare parts

You can purchase spare parts by calling our toll-free line at 1-855-326-1243. Please have the model number of your product when you call.