

# Installation Instructions – Power On/Off Switch Part No. 9482

for Model KBAC-24D and KBDA-24D Inverters (without RFAC-24D Installed)

 **Safety Warning!** Please read carefully before proceeding.

This product must be installed and serviced by a qualified technician, electrician, or electrical maintenance person familiar with its operation and the hazards involved. Proper installation, which includes electrical connections, fusing or other current protection, and grounding, can reduce the chance of electrical shocks, and/or fires, in this product or products used with this product, such as electric motors, switches, coils, solenoids, and/or relays. Do not use this drive in an explosion-proof application. Eye protection must be worn and insulated adjustment tools must be used when working with drive under power. This product is constructed of materials (plastics, metals, carbon, silicon, etc.) which may be a potential hazard. Proper shielding, grounding, and filtering of this product can reduce the emission of radio frequency interference (RFI) which may adversely affect sensitive electronic equipment. It is the responsibility of the equipment manufacturer and individual installer to supply this Safety Warning to the ultimate end user of this product. (SW 8/2012)

This control contains electronic Start/Stop circuits that can be used to start and stop the control. However, these circuits are never to be used as safety disconnects since they are not fail-safe. Use only the AC line for this purpose.

Be sure to follow all instructions carefully. Fire and/or electrocution can result due to improper use of this product.

It is the responsibility of the equipment manufacturer and individual installer to supply this Safety Warning to the ultimate end user of this product.

**Tools required: hex wrench (supplied) and pliers.**

## Description

The Power "On/Off" Switch assembly is designed for installation on the front cover of the Drive. It is used to provide a positive AC line power disconnect. It can be installed in lieu of, or in addition to, the factory installed "Start/Stop" Switch assembly. The switch is a double pole which is used to disconnect both AC lines. If only one AC line is to be disconnected, a single pole can be used. Refer to local electrical codes that apply. The power On/Off Switch assembly contains two blue and two white wires which are terminated with .25" female quick-connect terminals.

## Mounting



**Warning!** Make sure the AC line is disconnected before installing the switch.

1. Remove the hole plug that covers the "power" position. Use the Hole Plug Removal Instructions that are provided.
2. Align the switch key in the front cover and mount the Power On/Off Switch assembly with the rubber boot. Use the hex wrench that is provided to tighten the rubber boot hex nut. Do not over tighten.

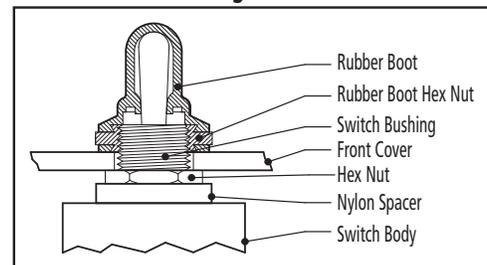
## Electrical Connections

1. Remove the jumper assemblies that are installed on the "L1A & L1B" and "L2A & L2B" terminals of the drive's PC board.

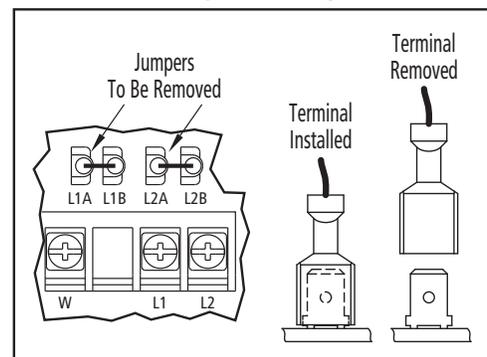
Using pliers, gently rock the female terminals back and forth horizontally while pulling them upward.

2. Install the blue wire from the bottom of the switch assembly to the L1A terminal of the drive's PC board.
3. Install the other blue wire from the top of the switch assembly to the L1B terminal of the drive's PC board.
4. Install the white wire from the bottom of the switch assembly to the L2A terminal of the drive's PC board.
5. Install the other white wire from the top of the switch assembly to the L2B terminal of the drive's PC board.

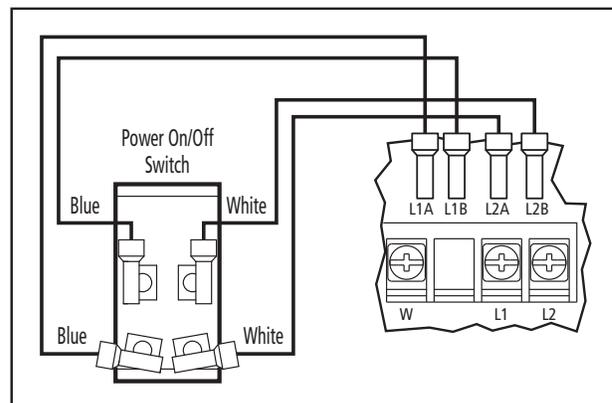
## Mounting the Switch



## Jumper Assembly



## Connection Diagram



KB ELECTRONICS, INC.

12095 NW 39th Street, Coral Springs, FL 33065-2516  
(954) 346-4900 • Fax (954) 346-3377 Outside Florida Call Toll Free (800) 221-6570  
info@kbelectronics.com • www.kbelectronics.com