

LOCKOUT/TAGOUT KIT (PART NOS. 9904 / 9905) INSTALLATION INSTRUCTIONS

FOR USE ON THE FOLLOWING NEMA 4X / IP65 DRIVE MODELS

Part No. 9904 (for 15/32" Switch Bushing Thread): KBAC-24D, 29, 45, 48 and KBDA-24D, 29, 42, 45, 48

Part No. 9905 (for M12 Switch Bushing Thread): KBAC-27D, 29 (1P) and KBDA-27D, 29 (1P)



SEE SAFETY WARNING ON BACK PAGE

KIT INCLUDES: Yellow Lockout/Tagout bracket, red Rubber Switch Boot, round Sealing Gasket, and Label.

TOOL NEEDED: 5/8" deep well hex socket (with a typical outer diameter of 7/8").

1 – DESCRIPTION

This Lockout/Tagout Kit provides an added level of safety. The lockout feature prevents the drive from being turned on while the related equipment is being serviced. Always refer to OSHA or other equivalent safety agency requirements for the specific application.

2 – INSTALLATION INSTRUCTIONS WITHOUT LINE SWITCH KIT INSTALLED

Note: If the Line Switch Kit is installed, skip this section, and proceed to Sections 3 and 4.

2.1 – Disconnect main power to the drive.

2.2 – Remove Hole Plug: Remove the rubber hole plug located on the lower right corner of the enclosure cover, where the AC Line Switch Kit is to be installed. Use the Hole Plug Removal Instructions supplied with the AC Line Switch Kit.

2.3 – Install and Connect AC Line Switch Kit: Connect the switch, using the instructions provided with the switch kit. Slide the switch bushing through the case. Do not install the gray switch boot that came with the switch.

Note: If the switch assembly has a white spacer installed on the bushing, it is to be removed and not used. Only the round nut is to remain on the bushing, and hand tightened up to the switch body.

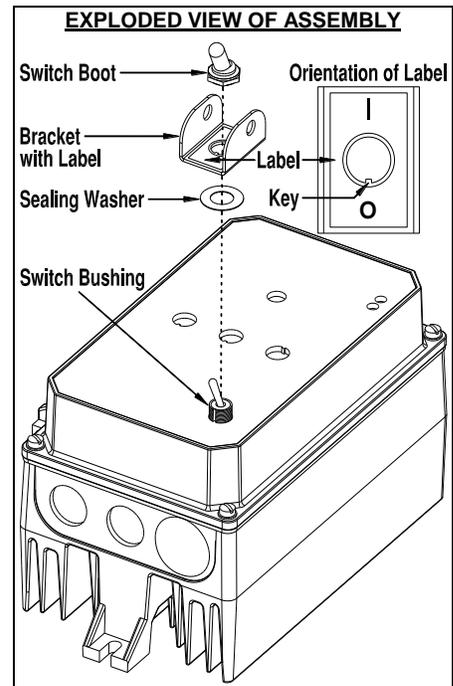
2.4 – Install Round Rubber Gasket: With the switch bushing through the enclosure cover, slide the round rubber gasket over the switch bushing until it sits flat on the enclosure cover.

2.5 – Install Label: Peel off the backing and adhere the label to the bracket. Orient the label as shown in the diagram.

2.6 – Install Bracket: With the switch bushing through the enclosure cover, slide the yellow lockout/tagout bracket over the switch bushing until it sits on the round rubber gasket.

Note: Be sure to align the key on the yellow lockout/tagout bracket with the keyway on the switch bushing.

2.7 – Install Red Rubber Switch Boot: Hand tighten the boot onto the switch bushing as far as possible. Use the 5/8" deep well hex socket to fully tighten the boot. Do not overtighten.



3 – INSTALLATION INSTRUCTIONS WITH AC LINE SWITCH KIT INSTALLED

Note: If the AC Line Switch Kit is not installed, skip this section, and proceed to Sections 2 and 4.

3.1 – Disconnect main power to the drive.

3.2 – Remove Gray Rubber Switch Boot: Use the 5/8" deep well hex socket to remove the gray boot that is installed on the AC Line Switch.

Note: If the switch assembly has a white spacer installed on the bushing, it is to be removed and not used. Only the round nut is to remain on the bushing, and hand tightened up to the switch body.

3.3 – Install Round Rubber Gasket: With the switch bushing through the enclosure cover, slide the round rubber gasket over the switch bushing until it sits flat on the enclosure cover.

3.4 – Install Label: Peel off the backing and adhere the label to the bracket. Orient the label as shown in the diagram.

3.5 – Install Bracket: With the switch bushing through the enclosure cover, slide the yellow lockout/tagout bracket over the switch bushing until it sits on the round rubber gasket.

Note: Be sure to align the key on the yellow lockout/tagout bracket with the keyway on the switch bushing.

3.6 – Install Red Rubber Switch Boot: Hand tighten the boot onto the switch bushing as far as possible. Use the 5/8" deep well hex socket to fully tighten the boot. Do not overtighten.

4 – USING THE LOCKOUT/TAGOUT FEATURE

The lockout/tagout feature is to be used with a padlock. A suggested padlock is Master Safety Lockout, or equivalent. The allowable padlock shackle thickness range is 1/4" – 5/16". The shackle thickness must be greater than 1/4" to ensure that the switch can be disabled.

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TO VALIDATE THE 18 MONTH WARRANTY, PLEASE REGISTER THIS PRODUCT ONLINE

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kbelectronics.com/registration.htm



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 fires, in this product or products used with this product, such as electric motors, switches, coils, solenoids, and 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)

The drive contains electronic Start/Stop circuits, which can be used to start and stop the drive. 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 read and follow all instructions carefully. Fire and/or electrocution can result due to improper use of this product.

LIMITED WARRANTY

For a period of 18 months from the date of original purchase, KB Electronics, Inc. will repair or replace without charge, devices which our examination proves to be defective in material or workmanship. This warranty is valid if the unit has not been tampered with by unauthorized persons, misused, abused, or improperly installed, and has been used in accordance with the instructions and/or ratings supplied. The foregoing is in lieu of any other warranty or guarantee, expressed or implied. KB Electronics, Inc. is not responsible for any expense, including installation and removal, inconvenience, or consequential damage, including injury to any person, caused by items of our manufacture or sale. Some states do not allow certain exclusions or limitations found in this warranty and therefore they may not apply to you. In any event, the total liability of KB Electronics, Inc., under any circumstance, shall not exceed the full purchase price of this product. (rev. 2/2002)

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KB Electronics, Inc.

12095 NW 39th Street, Coral Springs, FL 33065-2516

Phone: (954) 346-4900 | Fax: (954) 346-3377 | Toll Free: (800) 221-6570

E-Mail: info@kbelectronics.com | Website: www.kbelectronics.com