

BARRIER TERMINAL ACCESSORY KIT – KB PART NO. 9863

(For use with KBIC™ controls and the KB Auxiliary Heatsink)

The Barrier Terminal Accessory Kit consists of a pre-wired Barrier Terminal Block with in-line armature and AC line fuses. The wiring harness has been arranged to match the terminal locations on the KBIC™ control.

INSTALLATION

1. The KBIC™ control should be mounted to the KB Auxiliary Heatsink in accordance with the instructions (9861) provided.
2. The Barrier Terminal Accessory Kit may now be installed as follows:
 - (a) Install the Barrier Terminal Block on the KB Auxiliary Heatsink using four (4) 8-32 x 1/2" screws provided.
 - (b) Install the AC line and armature fuse on each side of the KBIC control using two (2) 6-32 x 7/32" screws provided.
 - (c) Install the 8-32 green ground screw with the brass cup washer to the lower right side of the Barrier Terminal Block.
 - (d) Connect the wiring harness to the KBIC™ control using the Quick-Disconnect terminals provided as follows:

Harness Wiring	KBIC Connection Point
Blue (from fuse block)	L1
Blue	L2
Brown	F-
Yellow	F+
Black	A-
Red	A+
Orange	P2
Violet	P3
White	P1

- (e) Install two (2) 25 Amp fuses as provided. Note: For proper motor protection the correct size armature fuse should be installed. See KBIC instruction manual. (Note: Armature fuse size is approximately 1.7 x DC motor Amps)

WIRING

Connect the completed assembly of the KBIC™ control, the KB Auxiliary Heatsink and the Barrier Terminal Accessory Kit as follow:

- AC Line input to L1 and L2
- Armature Connections to A1 and A2
- Field (Shunt Motor only) to F+ and F-
- Potentiometer to P1, P2 and P3
- Ground Wire to Green Ground Screw

Be sure to read the KBIC™ installation and Operating Instructions.



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