

Mounting Instructions for Bodine Type 33A and 42A (DC) Motor and Gearmotor European Terminal Box Kit (Model No. 1984)

Purchase Date _____

Installed By _____

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WARNING

Motor power cord must be disconnected from power source before attaching terminal box.

1. Cut and strip the motor power cord to the desired length.

Note:

If you are using the terminal block provided, cut the motor leads to 10 cm. (4 in.), strip the cord back 8 cm. (3 in.), and strip the lead wire insulation to 1 cm. (.375 in.).

2. Adhere the box gasket to the outside face of the terminal box. Align the precut gasket holes with the terminal box holes.
3. Place the terminal box over the exit area of the motor power cord and thread the cord through the hole in the box. Make sure the terminal box clearance holes are aligned with the threaded holes in the motor center ring.
4. Secure the terminal box to the center ring with two (2) flat head 10-32, UNF-2A x 1.27 cm. (.50 in.) box holding screws. The holding screws should be tightened to approximately 3 Nm (approximately 30 lb-in.) torque.
5. Install the green 10-32, UNF-2A x .97 cm. (.38 in.) grounding screw, cup washer, and lockwasher to the threaded hole that is marked with the ground symbol.

6. Install the PG-11 plug and nylon sealing washer into one (1) of the two (2) terminal box lead exit holes.
7. Install and terminate the connector per the wiring diagram located on the inside face of the cover.

Note:

If you are using the terminal block provided, connect the lead wires to the block and label the marking strip before securing the block to the terminal box. Then secure the terminal block to the terminal box with the two (2) round head 6-32, UNC-2A x 1.57 cm. (.62 in.) terminal block screws provided.

8. Adhere the cork cover gasket to the inside face of the cover with the precut holes aligned with the cover.
9. Place the four (4) 8-32, UNC-2A x 2.06 cm. (.81 in.) cover screws and lockwashers through the cover and gasket.
10. Secure the cover to the terminal box by tightening the cover screws to approximately 2 Nm (approximately 20 lb-in.) torque.

