



Technical Bulletin (TB-0028B)

6-Lead Terminal Plates (CE4, BE5 and BE6)

Version 1, January 2014

On the top side of the terminal plate all posts have a set of brass washers and brass nut that should NEVER be removed or loosened.

TOP:

NEVER REMOVE OR LOOSEN

Factory torqued to 7.5 ft lbs (10 Nm) MAX

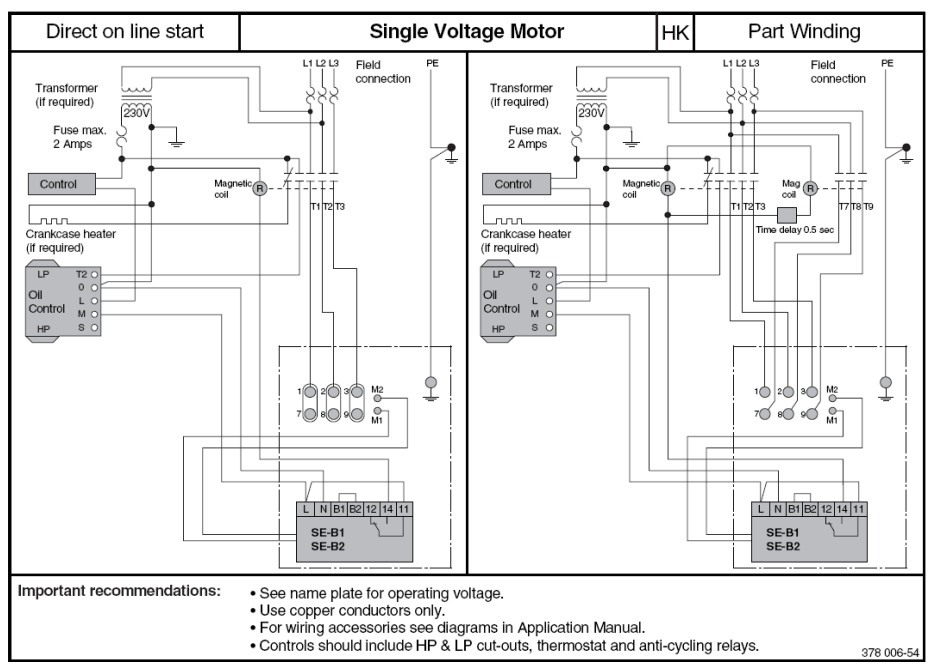
BOTTOM:

TORQUE TO 3.5 FT LBS (5 NM)

Wires under the terminal plate should not be tampered with unless the terminal plate is being installed in the field. The wires are numbered to match their posts. The numbers to the posts can be found on the top side of the terminal plate. Slide the bottom of the terminal plate post through the ring of the wire, attach a nut and torque it to 3.5 ft lbs (5 Nm).

ELECTRICAL CONNECTION KIT CONTENTS

6-Lead Kit (p/n 343430-04)				
(6) Wire Connection Lugs	(3) Connection Bridges	(12) Brass Washers	(6) Convex Lock Washers	(6) Brass Hex Nuts



For both configurations, Electrical Connection kit # 343430-04 is used.

Single Voltage Motors have 6 lead terminal plates. On the terminal box, the following label shows how the terminal plate should be wired depending on a direct on line start or if using part winding.

For both configurations, Electrical Connection kit # 343430-04 is used.

For a direct on line start (Fig. 1):

1. Place brass washer on each post
2. Place connection bridges between posts 1-7, 2-8, and 3-9
3. Place another brass washer on each post
4. Place a cable connecting lug on posts 1, 2, & 3
5. Place convex lock washer on each post
6. Screw a brass nut on to each posts and **torque to 9 ft lbs (12 Nm)**

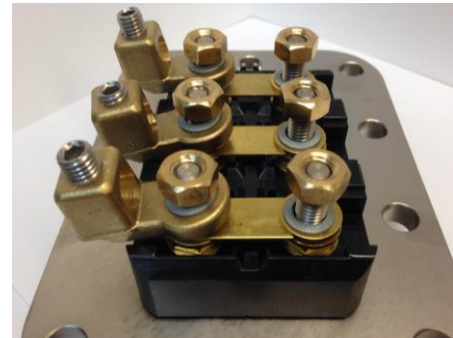


Fig. 1 - DOL Start

For part winding start (Fig. 2)

1. Place a cable connecting lug on each post
2. Place convex lock washer on each post
3. Screw a brass nut on to each post and **torque to 9 ft lbs (12 Nm)**



Fig.2 - PW start