

Remote Accessory Potentiometer for CBC-300 Controls

Installation & Operating Instructions

P-269-3-WE
819-0483



 **Warner**[®]
Electric

An **Altra Industrial Motion** Company

⚠ WARNING Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.

Part Numbers

- 6011-101-003** 5K ohm remote accessory potentiometer, 10 turn for level adjustments on CBC-300-2, CBC-300-2C, CBC-300-3, and CBC-300-3C.
- 6011-101-004** 10k ohm remote accessory potentiometer, 10 turn for current adjust on CBC-300-1, CBC-300-1C, CBC-300-3 and CBC-300-3C.

Specifications

- 6011-101-003** 5k ohm, potentiometer, 2 watts, 5% tol. 10 turn, bushing mounted
- 6011-101-004** 10 k ohm potentiometer, 2 watts, 5% tol. 10 turn, bushing mounted

Cable Length

10 ft. 22 AWG, 3 conductor with shield, 60° C rating

Mounting

Panel mounted via 3/8 – 32 bushing on potentiometer

General

The remote accessory potentiometer provide for remote operation of specific CBC-300 controls, combination of one or both potentiometers allow for adjustment of the output current or level applied to clutch or brake. The 5k potentiometer allows for level adjustment of both outputs between zero and maximum level. The 10k potentiometer is used for adjusting the current output.

Mounting and Installation

Select a location where the potentiometer is to be mounted. This should be such that it is within the allowable cable length supplied. (Figure 1)

Note: It is not recommended to splice the cable for longer wiring runs. If the cable length is not sufficient, then either mount the control closer to the potentiometer or relocate the potentiometer closer to the control.

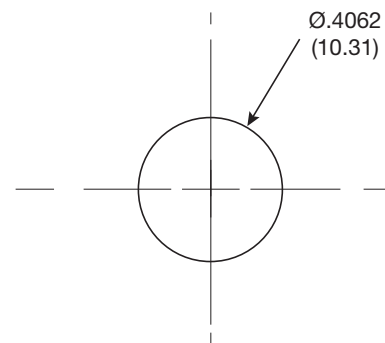


Figure 1

1. Select mounting location
2. Mark panel per Figure 1
3. Drill hole, Ø.4062" diameter for bushing
4. Mount potentiometer and secure with lockwasher and nut
5. Rotate potentiometer shaft fully counter-clockwise (CCW)
6. Rotate knob fully counter-clockwise (CCW) on indicating dial insuring that counting dial indicates "Ø" (zero) and the "Ø" is aligned to the top.
7. Mount knob assembly to pot and tighten set-screw to shaft.
8. Run wires between remote potentiometer and control using standard control practices avoiding runs with high voltage AC, motor or drive wiring and switching circuits
9. Wire unterminated end to control terminal block per appropriate wiring sections of the control manual, P269 (819-0407) or P269-1 (819-0408).

This completes the installation and wiring of your remote potentiometer assembly.

Prior to powering up unit, double check mounting to insure potentiometer lugs are not contacting anything in its proximity, wiring is run properly, and connections are made in accordance to the proper wiring section of the controls manuals.

For further technical assistance, contact your local Warner Electric Distributor, Warner Electric Representative or the Technical Support Group at the factory.

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