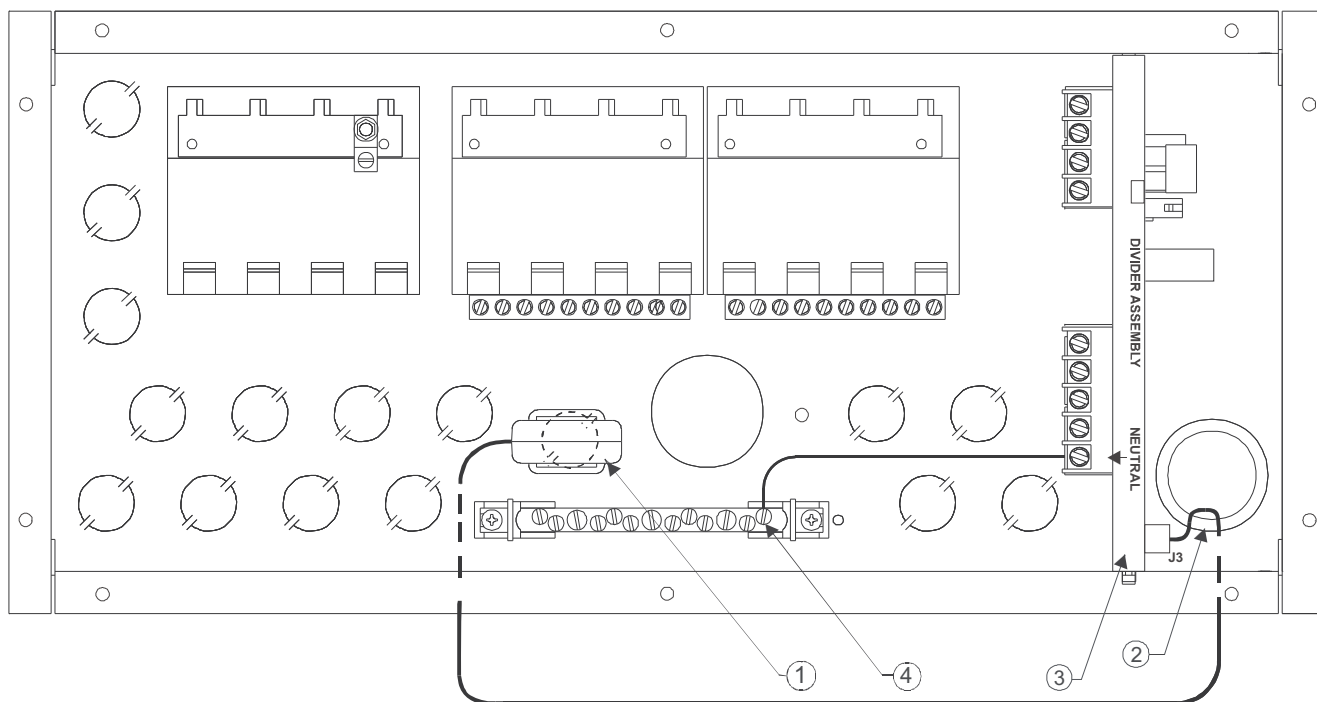


50 Amp Smart Energy Management System

Upgrade Kit - Model 860

INSTALLATION GUIDE



1. Remove "knock-out" hole. Remove nut from Current Sensor Assy. (01-00703-000) and insert threaded end thru hole inside box. (See Fig.A) Circular hole should face direction of arrow. Tighten nut from back of box.
2. Remove cap plug and insert snap bushing (28-03083-300) into hole from inside of box.
3. Snap the Divider Assy. (74-00683-500 or 74-00894-500) into place as shown. Run Current Sensor wires across back of box and thru bushing hole. Connect Plug from Current Sensor to Connector J3 on Divider Assy.
4. Wire the 16 AWG 9" Wht Pigtail (11-16109-992) from the first screw of the neutral bar to the 1st screw (neutral) on the terminal strip, located on the back of the Divider Assy.
5. A Model 800, 50 Amp Smart EMS System is formed by installing the Model 860 Subassembly Kit into a Model 850 Enclosure. The Model 860 Subassembly consists of: 1) A 50 Amp smart EMS Controller Divider Assembly 2) current sensor 3) A 1.75" bushing 4) A 9" stripped 16AWG Style 1015 jumper wire 5) An Installation/Users Guide for the Model 800, 50 Amp Smart EMS 6) A 53-00683-500 Installation instruction for the Kit, and 7) A wiring diagram label for installation on the inside of the cover by the user, over the basic wiring diagram.
6. Refer to Installation and Service Manual (53-00894-100) for further system wiring.

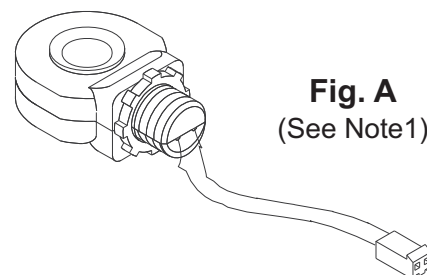


Fig. A
(See Note1)

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