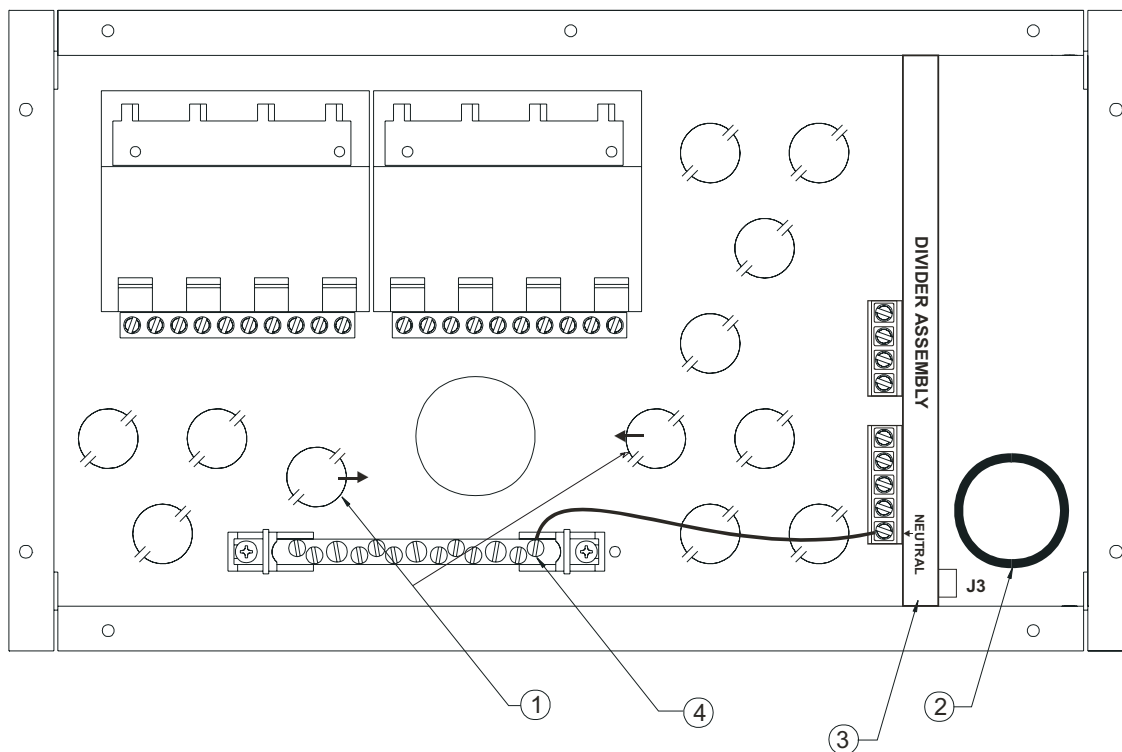


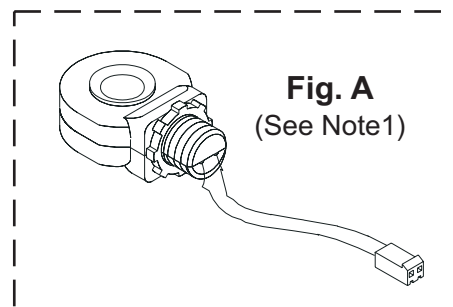
100 AMP Smart Energy Management System

Upgrade Kit - Model 1200

INSTALLATION GUIDE



1. Remove "knock-out" holes. Remove nut from Current Sensor Assys. (01-00703-000) and insert threaded ends thru hole inside box. (See Fig. A) Circular holes should face direction of arrows. Tighten nut from back of box.
2. Remove cap plugs and insert snap bushings (28-03083-300) into holes from inside of box.
3. Snap the Divider Assy. (74-00997-000) into place as shown. Run Current Sensor wires across back of box and thru bushing hole. Connect Plugs from Current Sensors to Connector J3 on Divider Assy, placing the plug from the Current Sensor on the Line 1 side to pins 1 & 2 of J3 (closest to the edge of the assembly).
4. Wire the 16 AWG 9" Wht Pigtails (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 1000, 100 Amp Smart EMS System is formed by installing the Model 1200 Subassembly Kit into a Model 750 or 1050 Enclosure. The Model 1200 Subassembly consists of: 1) A 100 Amp smart EMS Controller Divider Assembly 2) 2 current sensors 3) A 1.75" bushings 4) A 9" stripped 16AWG Style 1015 jumper wires 5) An Installation/Users Guide for the Model 1000, 100 Amp Smart EMS 6) A 53-00997-200 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 (53-00997-000) for further system wiring.



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