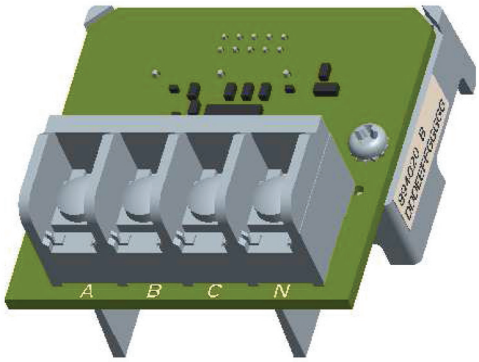
Accessory 23GA, 23GB Kit 935150 Kit Installation ASCO® Series 300 Transfer Switches with a Group G Controller



Overview

These kit instructions explain how to install accessory 23GA, 23GB Kit 935150 on Series 300 transfer switches with a Group G Controller.

This accessory is a current sensing module that is mounted on the controller.

- Accessory 23GA is for single phase systems
- Accessory 23GB is for three phase systems

Refer to User's Guide 381333-400 for further information on this accessory.

NOTE

The current sensing module is not needed when an ASCO 5210 Digital Power Meter is provided.

Kit Contents

The accessory 23GA, 23GB kit includes a current sensing module:

- PC board with plug
- support frame
- two mounting screws with washers

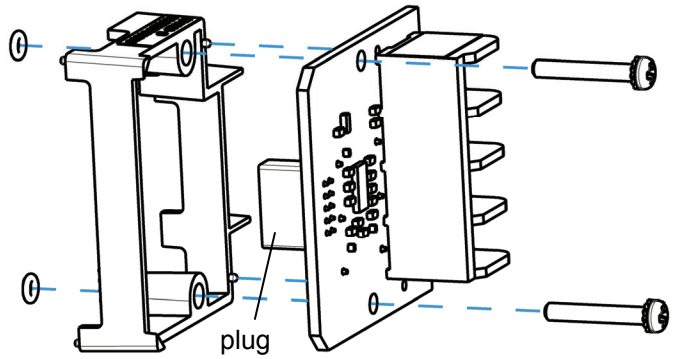


Figure 1. Accessory 23GA, 23GB kit current sensing module turned 90° to show the plug.

⚠ DANGER

Hazardous voltage capable of causing shock, burns, or death is used in this transfer switch. Deenergize both normal and emergency power sources before installing the kit.

Installation

1. Deenergize the transfer switch. Then open the enclosure door and verify that all power is off.

2. Locate the Group G controller that is mounted on the inside of the door. Do not remove controller cover. Refer to Figures 1, 2, 3, and 4.

3. Position the sensing module (with plug at top facing inward) onto the lower right area of the controller. Align the plug and socket and push it straight inward. The four corners of the support base, and mounting screws should fit into holes in the controller. Gently tighten the two screws. Do not over tighten.

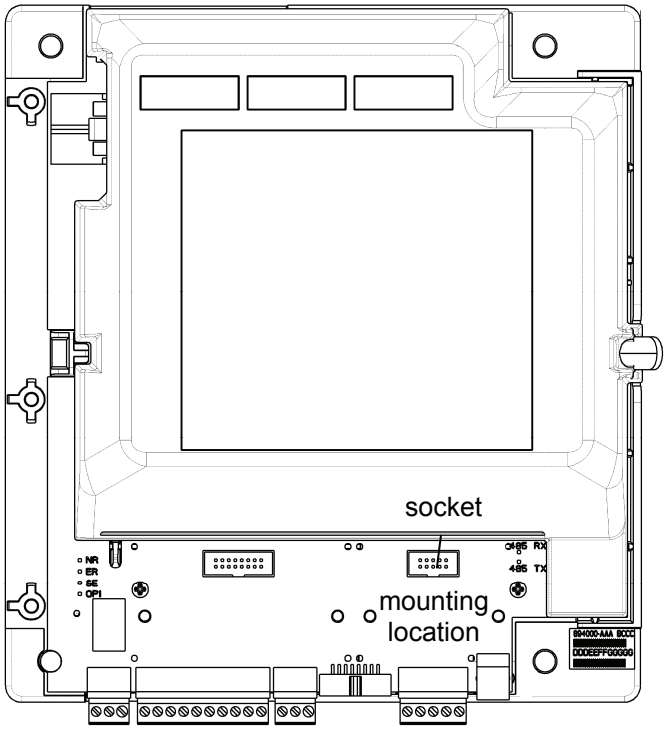


Figure 2. Mounting location on Group G controller.

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Figure 3. Detail of mounting location.

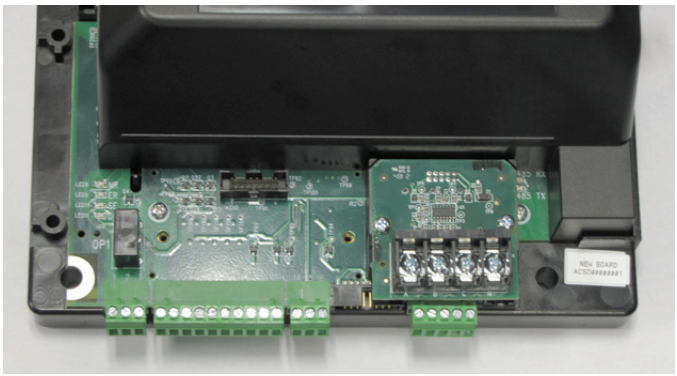

Figure 4. Detail of installed current sensing module.

4. Refer to the wiring diagram provided with the Series 300 transfer switch. It shows connections to customer-supplied current transformer(s). Be sure to install a shorting jumper between the current transformer terminals (or install the shorting screw in a shorting block) when the CT is disconnected from the sensing module! See **DANGER** statement below.

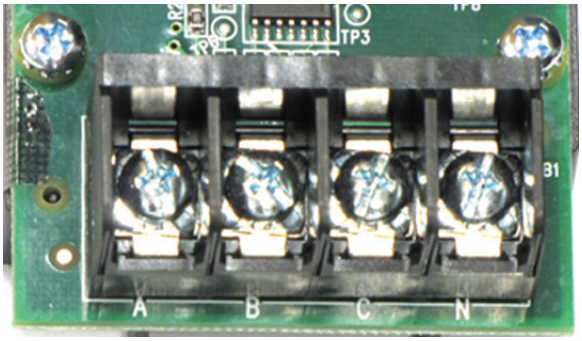

Figure 5. Connections to current sensing module.

⚠ DANGER

Never leave an open secondary circuit of a current transformer. Dangerous voltage can cause shocks, burns, and/or death. When disconnected always install a shorting jumper between the current transformer terminals.

5. After installation, close the enclosure door. Reenergize the transfer switch.

6. Refer to **User's Guide 381333-400** for further information on this accessory.

Accessory 23GA, 23GB Kit Installation Record

Accessory 23GA, 23GB Kit Number _____

Installation Date _____

Transfer Switch Serial Number _____

Transfer Switch Catalog Number _____

Installer's Name _____

Installer's Company _____

Customer Name _____

Customer Company _____