



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Model XRM0001A Navigator Control Module Relay Kit

Field Installation Kit Instructions

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General Information

The Model XRM0001A Control Module Relay Kit is designed for used with the ICP9000 Navigator Series Console and the XCP0600A Output Control Module Kit. This kit includes the following components:

Qty	Description
1	Output Module, 8-relay
1	Snaptrack, 12-inch
2	Screws, #8×3/4-inch

The relay output module provides eight Form “C”, dry-contact outputs, each rated to 10 amperes. The relay circuit board is arranged in two sections of four relays each. Each section had dedicated connections to its own terminal blocks allowing the two sections to be separated and to operate independently.

The PC board assembly may be provided in one of two formats:

PC Board Assembly, Part No. RIO-8C (or RIO-8-OC)

The Part No. RIO-8C PCBA is fabricated strictly for Open-Collector input control. This configuration meets the requirements of the Model XCP0600A Output Control Kit and requires no field adjustments or changes.

PC Board Assembly, Part No. RIO-8

The Part No. RIO-8 PCBA can be configured for either Open-Collector (“OC”) or Logic Level (“LL”) input control. This unit is factory configured to the “LL” mode of operation, and must be converted to the “OC” mode for use with the Model XCP0600A Output Control Kit.

Convert the Part No. RIO-8 PCBA by changing the jumper arrangement associated with each relay. Jumper wires JW1 through JW8 are associated with their respectively numbered relays. Refer to Figure 1 for jumper locations.

Move the jumper from the “LL” position to the “OC” position on each relay being used by the Model XCP0600A Output Control Kit.

NOTE: Failure to change the jumper position to “OC” will prevent the unit from functioning.

Installation



Warning: Observe precautions for handling electrostatic sensitive devices.

1. Mount the 12-inch Snaptrack[®] to the desired surface with the two screws provided in this kit.
2. Snap or slide the relay board into place. Refer to Figure 1 for the interconnection with the Model XCP0600A (12584-xxx) Output Control Module.

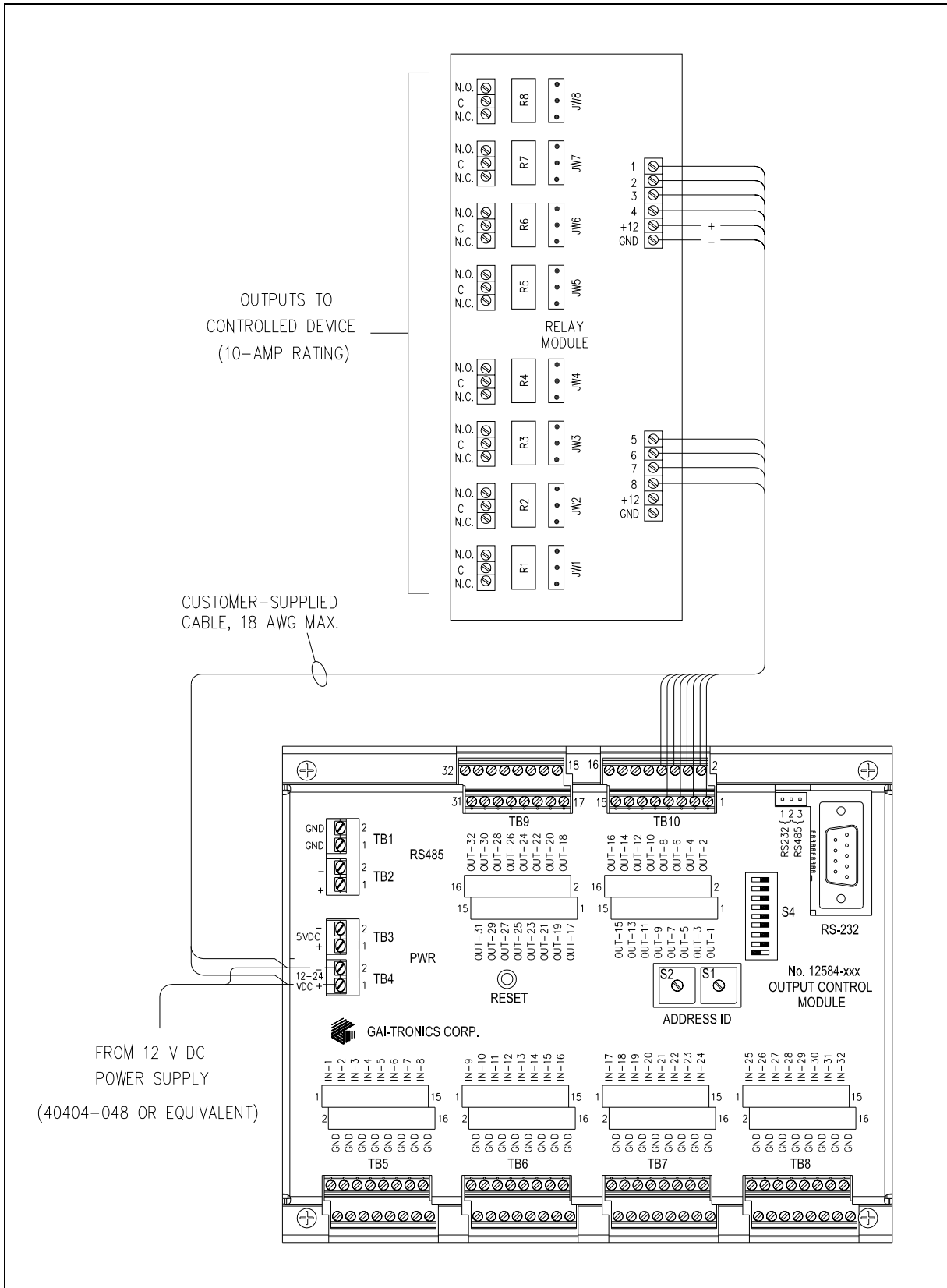


Figure 1.