

BURK TECHNOLOGY

COMMAND RELAY QUICK INSTALLATION GUIDE

CONNECTING A COMMAND RELAY

The Command Relay unit is used to provide isolation between the GSC3000 or VRC2500 unit and your site equipment. The command outputs on the rear panel of the remote control unit are open collector outputs, capable of momentary or latching output. They support a maximum of 30VDC, 250mA. Each Command Relay connects up to eight channels.

Power Supply

Power to the Command Relay is supplied by the GSC3000 or VRC2500 through the DB37 connector. The DC power connector on the left side of the Command Relay rear panel is for use with VRC2000 and VRC1000 systems and is *not* used with the GSC3000 and VRC2500.

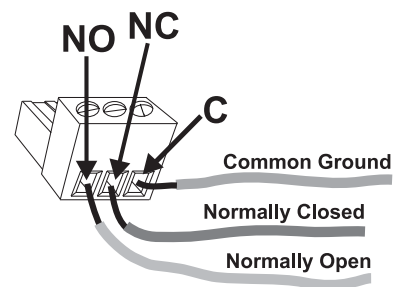
When the I/O unit is powered and the Command Relay connected, two green LEDs on the rear panel of the Command Relay indicate 5VDC power is being received.

Connecting Output Channels

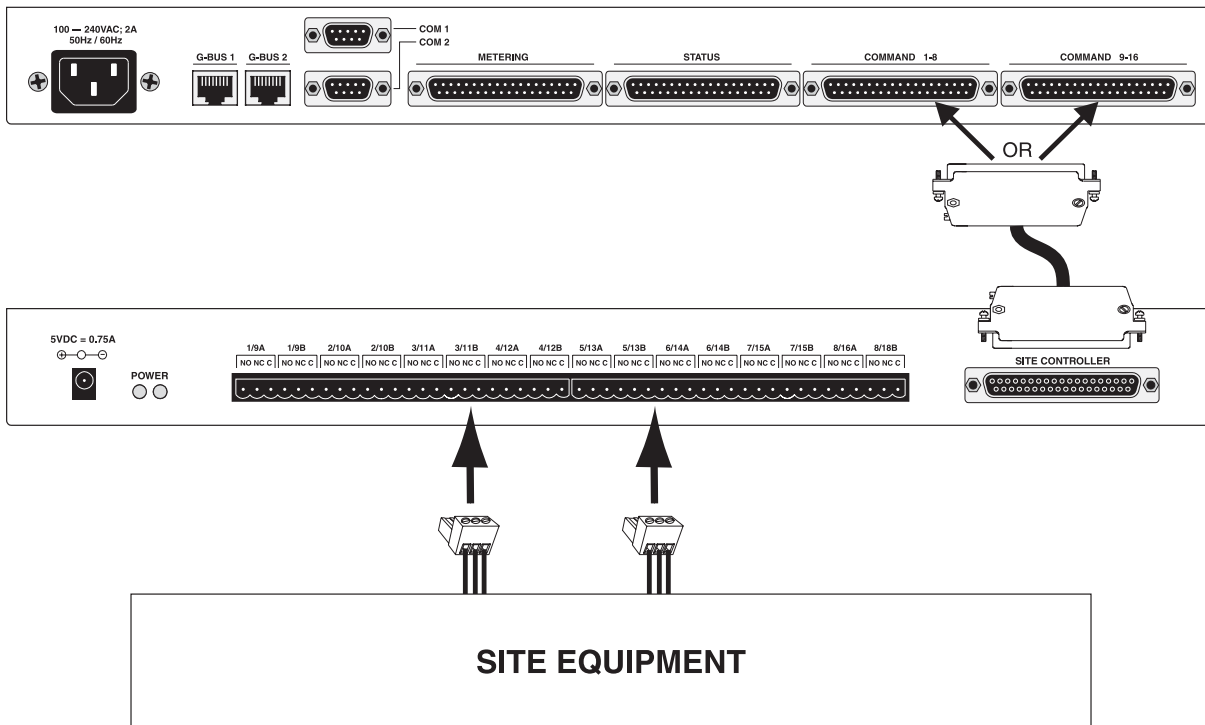
Each command channel has two relays, A and B, and there is one three-terminal push-on block for each relay.

To connect output channels:

1. Wire your equipment to the provided three-terminal push-on connectors. Insert the wires into the correct connector openings (see diagram below) and tighten using the built-in setscrews.
2. Connect the push-on blocks to the rear panel of the command relay with the setscrews facing up. Use care to properly align each terminal with the contacts on the back panel of the Command Relay unit. Connections are standard Form C, from left to right: normally open (NO), normally closed (NC) and common (C). If you have set up your channel properties (labels, limits, alarms, etc.) in Lynx before installing the Command Relay, be sure to connect your equipment to the channels you specified during unit configuration.
3. Use the provided DB37 cable to connect the port on the Command Relay to COMMAND 1-8 or COMMAND 9-16 on the GSC3000 I/O or VRC2500 unit.



Connecting a Command Relay to a GSC3000 I/O



Connecting a Command Relay to a VRC2500

