

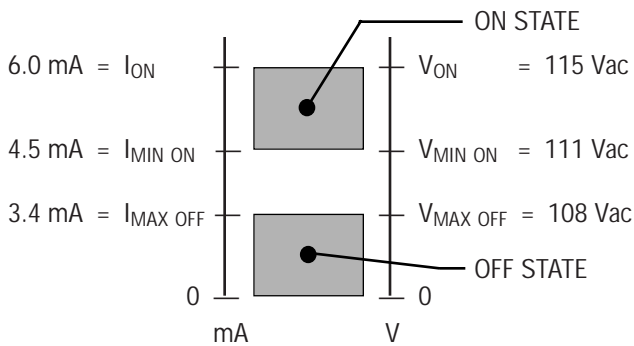
115 VAC Logic Interface

Part No. 46S03289-0010

DESCRIPTION

The 115 VAC Logic Interface is an option for the GPD 505 drive. It allows the drive's multi-function inputs (Run, Stop, Jog, etc.) to be controlled by 115 Vac input signals. It mounts directly to the drive's control circuit board.

OPERATIONAL SPECIFICATIONS



INSTALLATION

CAUTION

Option contains electrostatic sensitive devices. Personnel should be grounded before removing carton contents and installing into the equipment.

1. Turn off all power to the drive.
2. Remove drive front cover. Verify that CHARGE indicator lamp inside drive is off.
3. Use a voltmeter to verify that power has been disconnected at incoming power terminals (L1, L2, L3).

WARNING

Hazardous voltage can cause severe injury or death. Lock all power sources feeding drive in "OFF position.

4. Remove the screws from the bottom corners of the Control PCB. Loosen the screws at drive terminals S1 thru S6. Slide the option board pins into the drive terminal strip at these terminals. Replace and tighten the Control PCB screws. Securely tighten the terminal screws.
5. Connect external control signal wiring, using:
Figure 1. 2-Wire control (requires a maintained contact for run), OR
Figure 2. 3-Wire control (requires a N.C. Stop push button and a N.O. Run push button.)
6. Replace drive front cover. Apply power to the drive. Applying the specified AC signal between either option board terminal SC and any option board terminals S1 thru S6 will now provide a low impedance path (short) between terminal SC and the corresponding drive terminal (S1 thru S6).

CAUTION

Although it may function with triac outputs, this option card is NOT intended to be controlled by a triac output device or other electronic devices that have a minimum load requirement or off state leakage current associated with them.

CHANGE RECORD			

DWG. NO. 02Y00025-0407
SHEET NO. 1 OF 2
REL. 10/21/96 (m-df)

Refer to Sheet 1 for latest change.

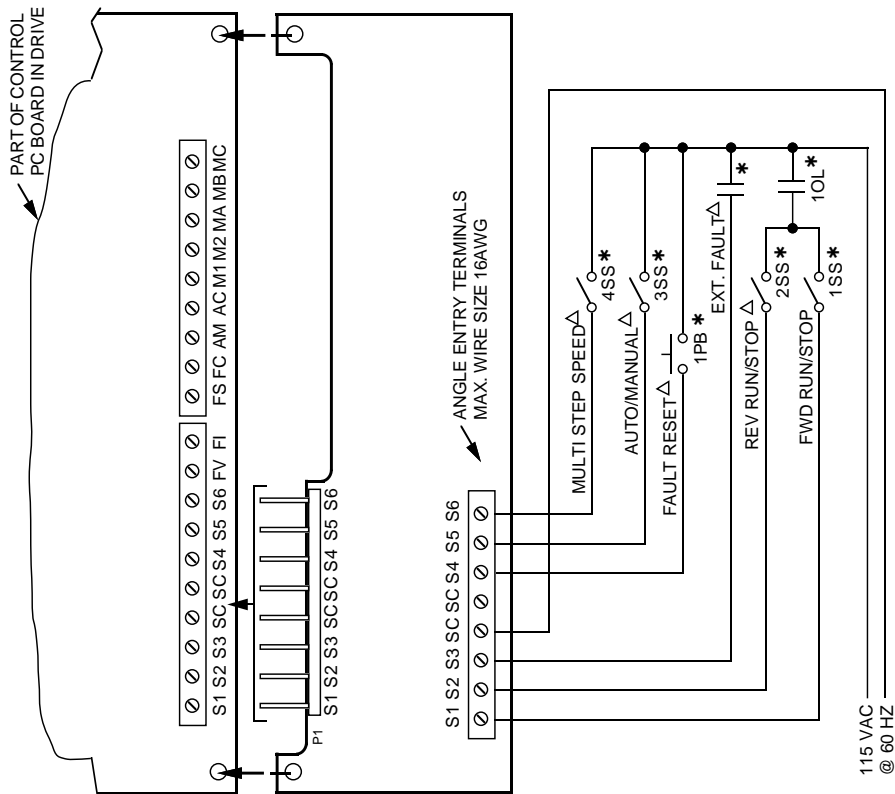


Figure 1 Interconnection For 2-Wire Control

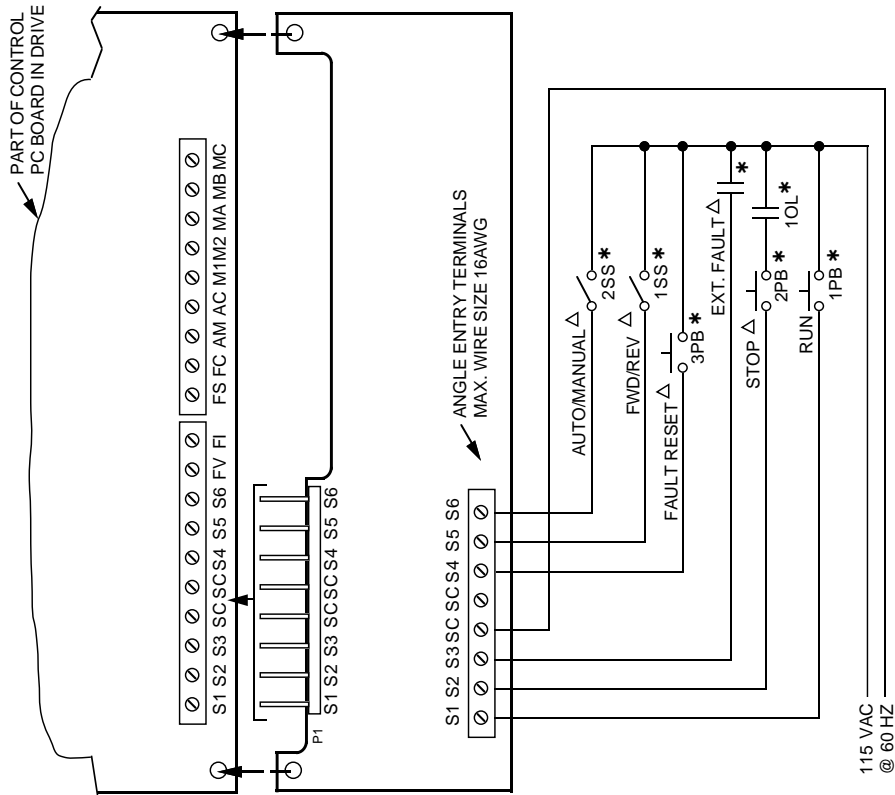


Figure 2 Interconnection For 3-Wire Control