



For GPD 333
Adjustable Frequency Drives

REMOTE INTERFACE PANEL

Model No. DS090

Before installing this option, a **TECHNICALLY QUALIFIED INDIVIDUAL** who is familiar with this type of equipment and the hazards involved, should **READ** this ENTIRE INSTRUCTION SHEET.

IMPORTANT

This option may have been installed by the factory. However, certain steps can only be completed at the installation site. Therefore, review and perform those steps which complete the installation process.

DESCRIPTION

The Remote Interface Panel is a panel used when the GPD 333 operation, constant setting and monitoring are to be performed from a remote location, up to 9.8 ft (3 m) from the drive. The Remote Interface Panel is mounted to the front of the GPD 333, and provides an interface connector for a Digital Operator, Model No. DS393. Operation of the GPD 333 by means of the Digital Operator, Model DS393, is identical to operation by means of Digital Operator, Model No. DS039, as described in the GPD 333 technical manual, except that the key marked JOG on the DS393 will control the LOCAL – REMOTE function of the GPD 333. (See installation step 9.)

IMPORTANT

Digital Operator, Model No. DS039 (the standard Digital Operator for the GPD 333), **CANNOT** be used with the Remote Interface Panel.

NOTE: The Digital Operator, Model No. DS393, and appropriate length Remote Operator Cable must be ordered separately.

RECEIVING

All equipment is tested against defect at the factory. Report any damages or shortages evident when equipment is received immediately to the commercial carrier who transported the equipment. Assistance, if required, is available from your MagneTek sales representative.

STORAGE

If the option is not to be installed immediately, it must be stored under the following conditions:

- Ambient temperature: -10 to +40° C.
- Protected from rain and moisture.
- Free from corrosive gases or liquids.
- Free from dust or metal particles.
- Clean and dry.
- Free from excessive vibration.

INSTALLATION

Preliminary Procedure

WARNING

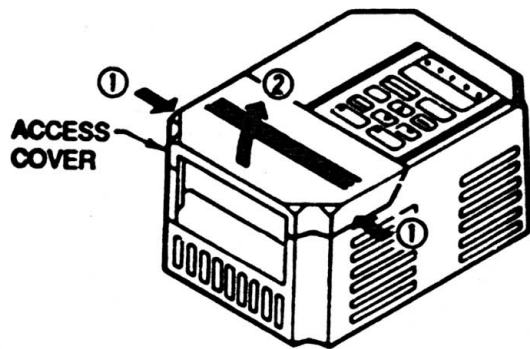
HAZARDOUS VOLTAGE CAN CAUSE SEVERE INJURY OR DEATH.

LOCK ALL POWER SOURCES FEEDING DRIVE IN "OFF" POSITION.

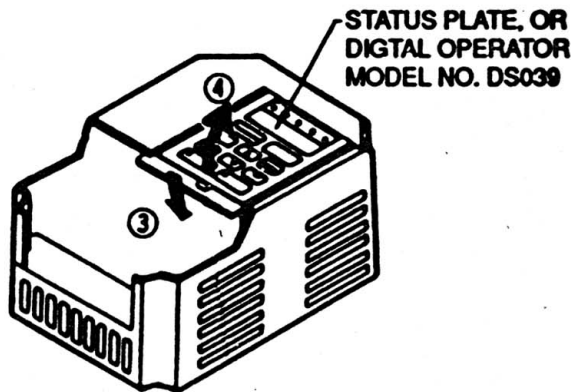
1. Disconnect all electrical power to drive.
2. Remove the GPD 333 access cover (see Figure 1, View A).

CHANGE RECORD				
1	Revised 8/27/93			

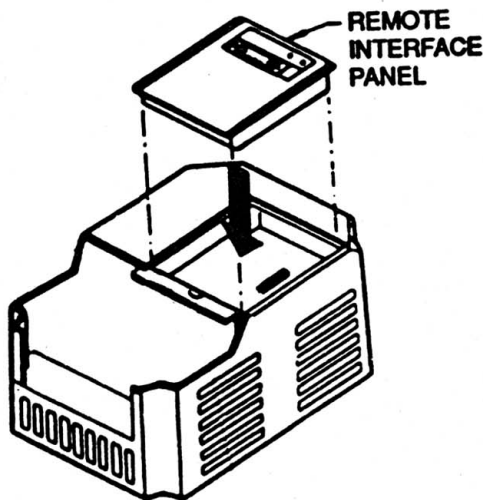
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SHEET NO. 1 OF 2
EFF. 7/22/93 (m-df)



View A



View B



View C

Figure 1. Mounting Remote Interface Panel

3. Verify that voltage has been disconnected by using a voltmeter to check for voltage at the incoming power terminals.

Mounting Remote Interface Panel

4. See Figure 1, View B. Press down on the terminal marker lever (3) and lift upward on the bottom edge (4) of the status plate (or Digital Operator, Model No. DS039, if previously installed) to remove it from the mounting recess.

5. Locate the Remote Interface Panel in the mounting recess, as shown in Figure 1, View 3, and press until it snaps into place.

6. Reinstall the GPD 333 access cover.

Mounting and Connecting Digital Operator

7. If the DS393 Digital Operator is to be mounted through a panel cutout, refer to Modification Drawing 02Y00025-0360 (provided with the Remote Operator Cable) for panel cutting and drilling. A gasket is also included with the Remote Operator Cable, for NEMA 12 installation of the Digital Operator. Mount the DS393 Digital Operator to a flat surface or panel cutout using appropriate hardware.

8. Connect one end of Remote Operator cable to the connector on the Remote Interface Panel, and the other end to the connector at the bottom of the DS393 Digital Operator.

9. Clean the DS393 keypad completely. Carefully peel the backing off the LOCAL – REMOTE label (Part No. 45T00361-0000) included with the DS090, and place the label OVER the JOG key on the DS393 operator keypad.

Power-on Check

10. Apply power to the GPD 333. Verify that the "POWER" lamp on the Remote Interface Panel lights, and that the "TX" and "RX" lamps are blinking. If either of these indications is not correct, recheck all installation steps.

11. Place this instruction sheet with the GPD 333 technical manual.

12. This completes installation of this option.