

Part Number: UUX000442 (formerly DS081 and DS083)

Applicability: V7, V74X, V7N

Introduction: This remote digital operator kit allows a NEMA 4/12 digital operator to be mounted up to 3 meters from the V7 drive. The operator can either be surface or flush mounted to the mounting panel. The kit includes:

- a. 1 remote digital operator (JVOP-146)
- b. 1 gasket
- c. 4 screws & nuts
- d. 8 rubber washers
- e. 1 blank cover (72606-CVST31060)
- f. 2 cables: 1 meter (UWR0051) and 3 meter (UWR0052). Both are standard CAT-5 Ethernet cables.

Receiving: All equipment is tested against defect at the factory. Report any damages or shortages evident when the equipment is received to the commercial carrier who transported the equipment.

Warning: Hazardous voltage can cause severe injury or death. Lock all power sources feeding the drive in the “OFF” position.

Installation:

1. Disconnect all electrical power to the drive.
2. Use a voltmeter to verify that power has been disconnected at the incoming power terminals.
3. Wait for the DC bus to completely discharge.
4. Remove contents from package. Verify that the above-mentioned parts are present.
5. Loosen the screw on the front cover of the drive and remove the associated cover plate. Next, remove the digital operator (it no longer will be used). Install the blank cover in place of the operator.
6. Re-attach the front cover plate and tighten the screw down.
7. Attach the remote operator to the mounting panel using either a surface mount (NEMA 4/12) or flush mount (NEMA 1) configuration.
8. For a surface mount (NEMA 4/12), follow steps 9-10.
9. Cut a hole in the remote operator-mounting panel as shown in Figure 1 for surface mounting.

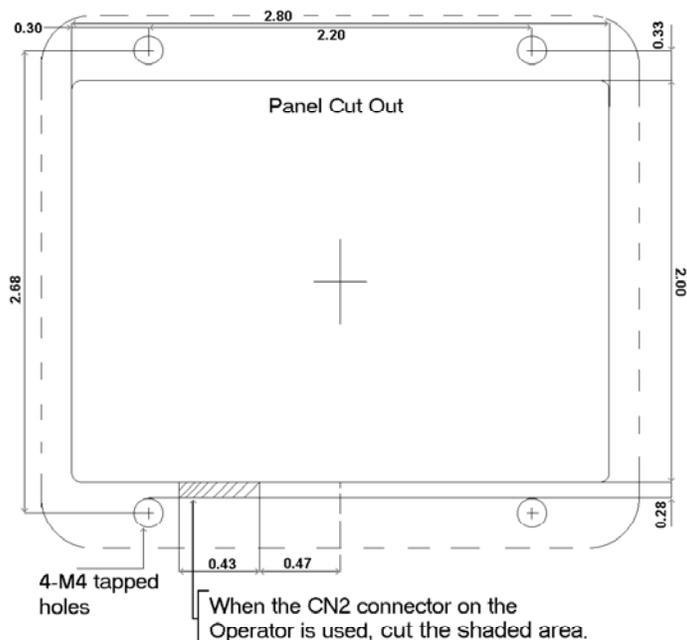


Figure 1: Surface Mount Cutout (dimensions in Inches, not actual size)

10. Finish the surface mount by installing the remote operator on the front side of the panel. Insert a rubber washer on each screw and then insert the screws through the front side of the panel. Four washers and four nuts are not needed in this application. Tighten screws gradually by hand to prevent damaging the rubber washers. See Figure 2.

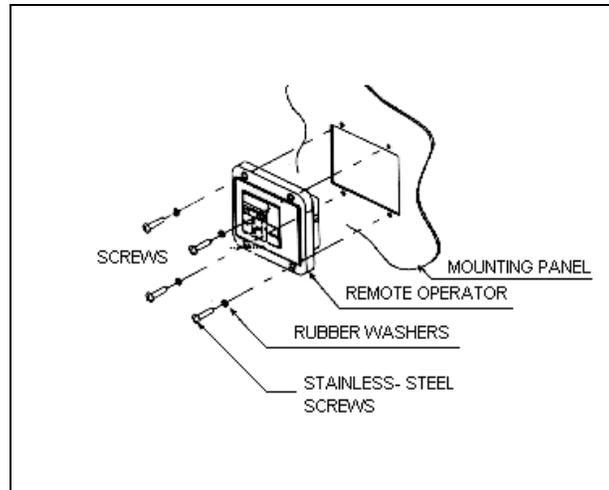


Figure 2: Surface Mount Installation

11. For a flush mount (NEMA 1), follow steps 12-13.
12. Cut a hole in the remote operator-mounting panel as shown in Figure 3 for flush mounting.

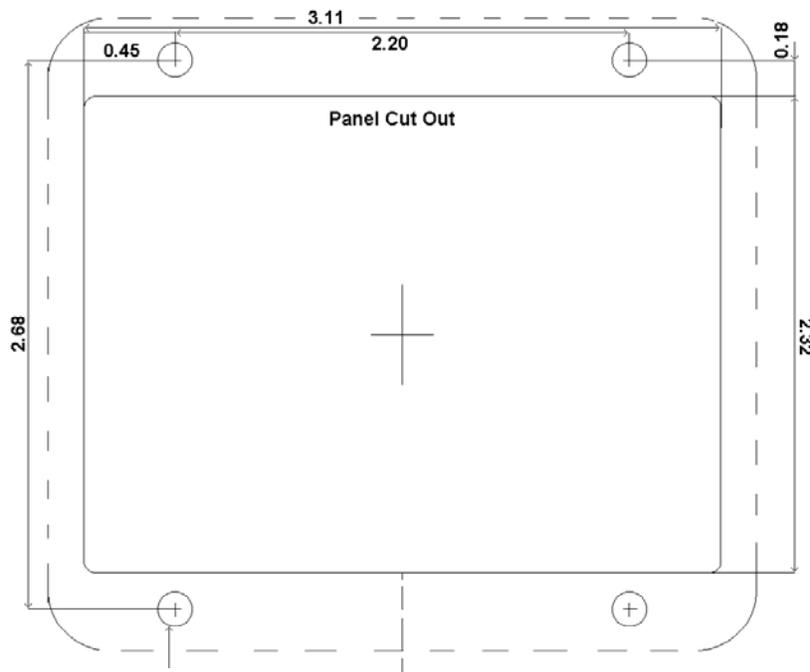


Figure 3: Flush Mount Cutout (dimensions in Inches, not actual size)

13. For a flush mount, apply the gasket to the front side of the digital operator, and install the remote operator from the rear side of panel. Insert the screws through the front side of the panel and then mount the washers and nuts to the rear side of the panel. Four washers are not needed in this application. Tighten screws gradually from the front side of the panel to prevent damaging the rubber gaskets. See Figure 4.

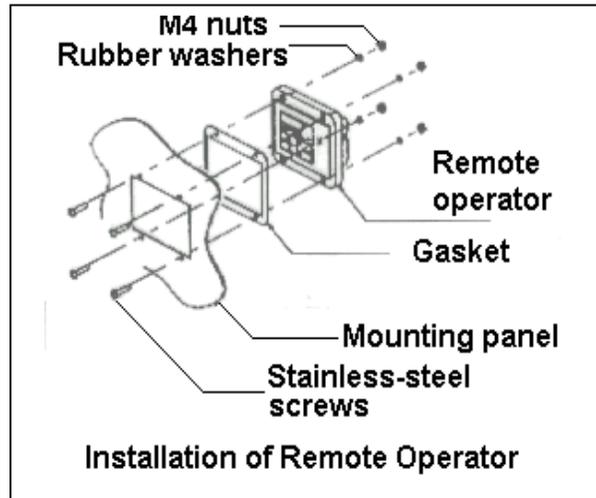


Figure 4: Flush Mount Installation

14. For either mounting configuration, connect the remote operator to the drive using one of the supplied cables. Use the cable length that best fits the installation. Plug one end of the cable through the blank cover to the RJ-45 jack on the front of the drive and the other end of the cable to the RJ-45 jack on the back of the JVOP-146 remote operator.

This completes the installation process.