

10260S Series Actuators MOV Assembly Kit Instruction

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Overview

These instructions apply to the following kits: **51500671-503 and -504 MOV Assembly Kit** and its application to the 10260S Series Actuators. This kit allows you to add or replace the MOV assembly to 10260S actuators.

Summary

The Metal Oxide Varistor (MOV) assembly is used on 10260S actuators that conform to CE requirements and is installed on the power input terminals of the actuator. Follow the procedure in Table 1 to install or replace the MOV assembly.

Before you begin, make sure that you have the correct MOV assembly for the actuator input voltage.

- **Part # 51500671-503 is used for 120 Vac input**
- **Part # 51500671-504 is used for 230 Vac input.**

Tools Needed

To perform the replacement procedure, you will need the following tools:

- Medium Flat-blade screwdriver
- Medium Phillips screwdriver
- Small needle-nosed pliers

Procedure

WARNING

Disconnect power before accessing components inside the actuator.

ATTENTION

When working with Printed Wiring Assemblies (PWAs) always protect against electrostatic discharge by wearing a grounded wrist strap.

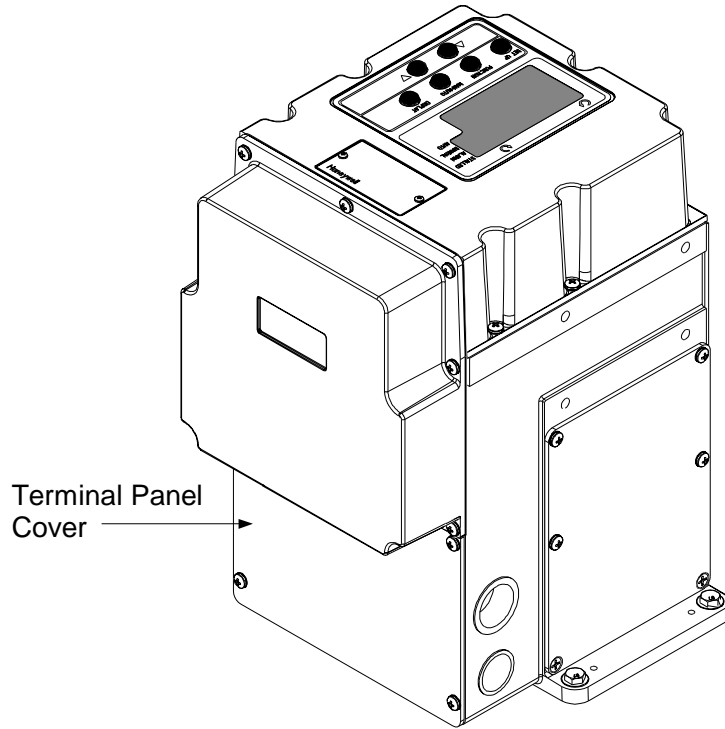


Figure 1 MOV Assembly Installation Location

Table 1 MOV Assembly Installation Procedure

Step	Action
1	Remove AC power to the actuator.
2	Remove the four screws and terminal cover from the side of actuator case. See Figure 1.
3	Locate terminals TB1-1 (marked "L") and TB1-2 (marked "N") and a ground screw on the actuator terminal block. See Figure 2.
4	Remove the screws from terminals TB1-1 and TB1-2 and the ground screw location as shown in Figure 2.
5	Install the MOV assembly as shown in Figure 2. NOTE: The larger size lug terminal is attached to the ground screw on the terminal panel. The remaining lug terminals are attached to TB1-1 and TB1-2 on the actuator terminal panel.

Procedure continued on next page ⇒

Step	Action
6	Install new gasket and the terminal panel cover. Secure cover to actuator with 4 screws.
7	Reapply AC power to the actuator.
8	Verify actuator configuration and check for correct operation.
9	Return actuator to service.

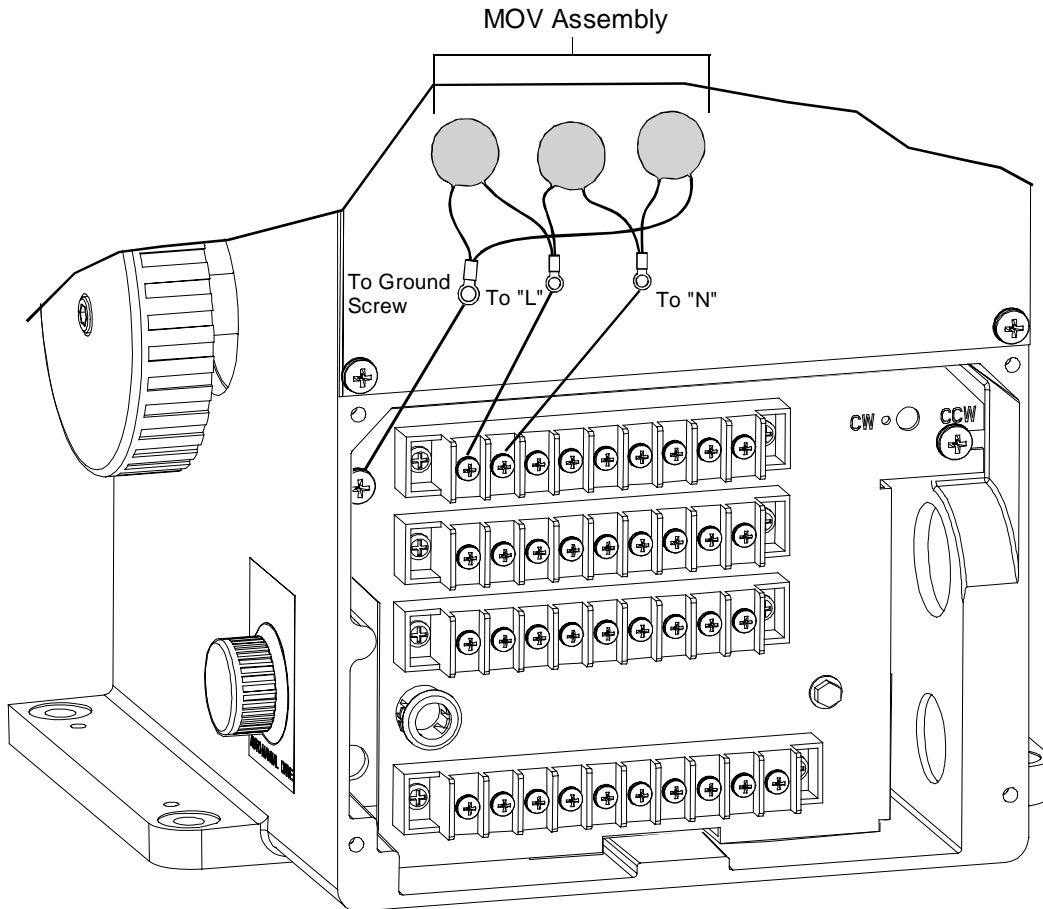


Figure 2 MOV Assembly Installation

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