

January, 2013



Overload Reset Operators
Single & Multi-Unit Size 00 thru 6
Class All Magnetic Controls
Cat. No. 49MARSR & B, 49MARUR & B

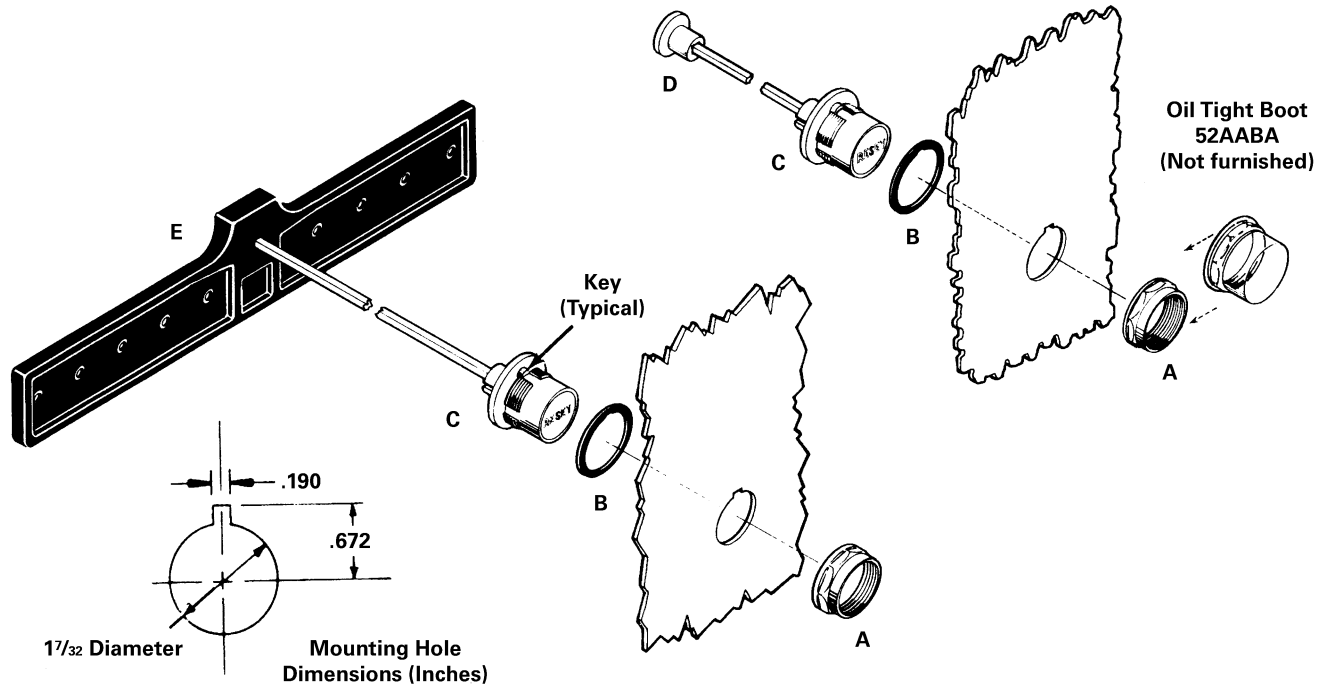


Figure 1

DESCRIPTION

The overload reset operator is a mechanical operator for installation on an enclosure cover or panel to actuate overload resetters, push buttons or other devices inside the enclosure. The single reset operator shaft is capped with a $\frac{7}{8}$ inch diameter insulated pad. The reset bar (Figure 2) of the multi-unit reset operator may be attached to the operator shaft of either operator and the reset bar can be cut to suit the application.

Use with NEMA types 1, 3, and 12 enclosures for all control classes as indicated in the table. These operators can also be used with NEMA types 4 and 4X enclosures by replacing the octagonal lock nut A with the optional oil tight boot.

Reset Operator	Type of Overload Relay	Control Size
Single		
49MARSR	Melting Alloy	00 through 6
49MARSB	Bimetal	00 through 6
Multi-Unit		
49MARUR	Melting Alloy	4 Model B, Vertical Lift
49MARUB	Bimetal	4 Model B, Vertical Lift

Contents of Kits

Each catalog number 49MARSR and 49MARUR reset operator has a red push button on which the word "RESET" is engraved.

Reset operators catalog numbers 49MARSB and 49MARUB are furnished with unmarked black push buttons. Kit contents are as follows:

- 1 A octagonal lock nut
- 1 B gasket
- 1 C reset operator assembly
- 1 D reset pad for single reset operator
- 1 E reset bar for multi-unit reset operator

	WARNING
	Hazardous voltage. Can cause death, serious personal injury, or property damage.
	Disconnect power before working on this equipment.

INSTALLATION

Using wrench catalog number 52MAWA or 52MAWB facilitates assembly and prevents scoring of the octagonal lock nut A; however, neither tool is required for installation.

1. Refer to appropriate drawings or the enclosure to determine the reset operator mounting location. Each operator requires a $1 \frac{9}{16}$ inch diameter mounting area on the panel. If a legend plate is used, additional mounting area is required.

(For Engineering Reference Only - Rev. C)

INSTALLATION - Continued

2. Mounting hole dimensions are shown in Figure 1. To cut $1\frac{1}{32}$ inch diameter hole, use a punch, such as Greenlee Knock-out Punch number 730-S. Then use a keyway punch, such as Greenlee number 730-K or 720, to cut the keyway. The keyway should be at the top of the hole for proper alignment of the engraved push button.
3. Determine the required dimensions for the reset bar (Figure 2), if applicable, and the shaft (Figure 3). Cut the shaft and bar as required. Install the reset pad D or the reset bar E on the shaft.
4. Remove octagonal lock nut A from operator assembly C.
5. With gasket B properly positioned on the key of assembly C, install assembly C through the mounting hole from inside the enclosure, aligning the key on the assembly with the mounting hole keyway.

6. Secure the assembly in position with lock nut A. If a legend plate (optional) is used, install the legend plate before installing lock nut A. Note that the .250 inch maximum cover thickness shown in Figure 3 should include legend plate thickness.
7. Check for desired operation.

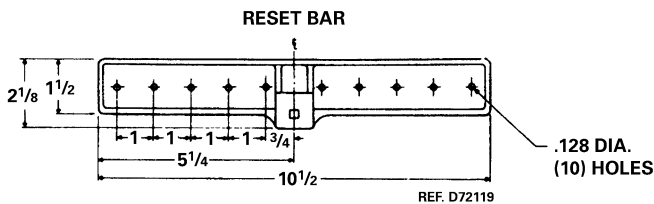


Figure 2

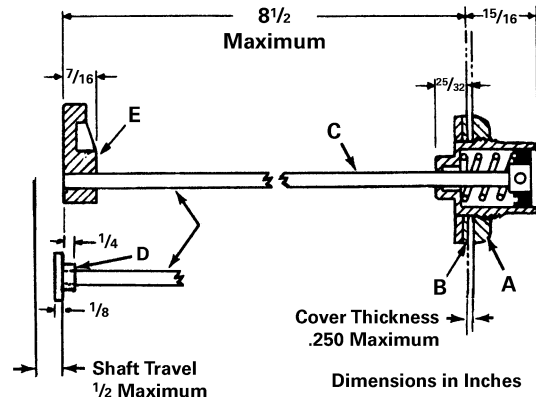


Figure 3