



INSTALLATION, OPERATION & MAINTENANCE DATA SHEET

GO1-N34 & GOL1 SINGLE PUSHBUTTON OPERATORS FOR CLASS I, GROUPS B, C & D, CLASS II, GROUPS E, F & G, & CLASS III HAZARDOUS LOCATIONS AND TYPE 3, 4 & 4X ENCLOSURES.

These pushbutton operators are designed for enclosures which meet the requirements of Article 500 of the National Electrical Code. These devices are to be mounted in enclosures with walls up to 1-1/2" thick (GO1-N34) or 2-1/2" thick (GOL1).

DIRECTIONS FOR INSTALLATION

CAUTION: Be sure to turn **OFF** the supplying circuit before beginning installation.

- Using the installation drawings below as a guide, drill and tap a 3/4-14 NPSM-2B hole in the enclosure cover. The hole must be located so that a flat area is available to tighten the locknut on the inside of the cover and enough room is allowed for mounting the nameplate on the outside. In addition, the inside cover surface must be perpendicular to the threaded hole. For Group B locations, a minimum of 7 full threads engagement is required and for Group C & D locations, a minimum of 5 full threads is required. For proper electrical clearance, these devices should be mounted on 2-1/2" centers, and 1-3/4" from any vertical wall. The minimum electrical clearance between live parts of opposite polarity is 3/16"; live parts to ground, 1/4".

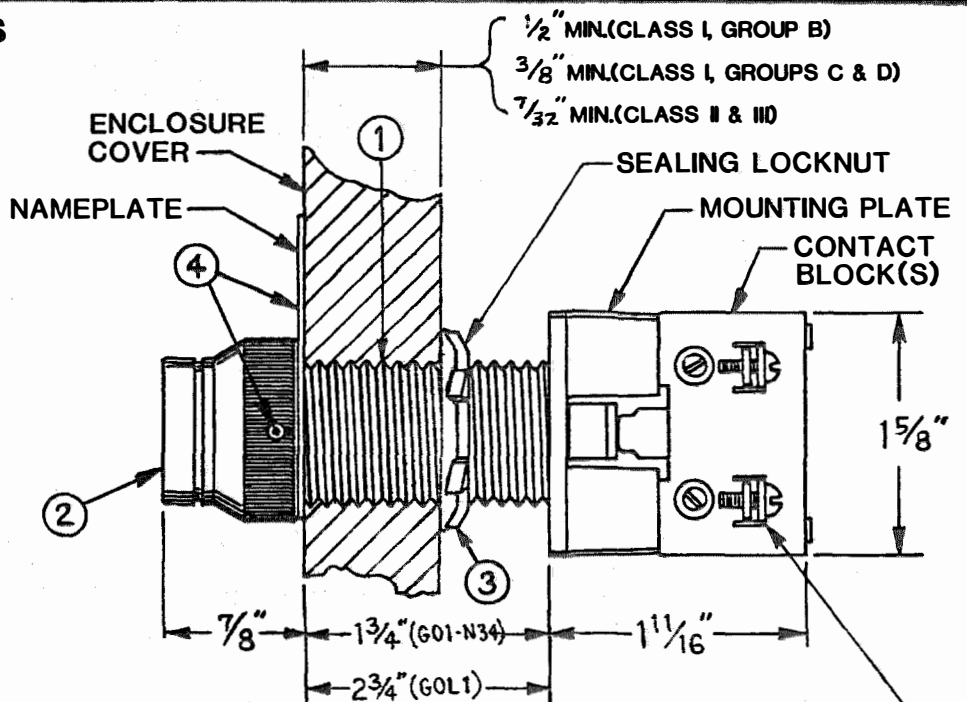
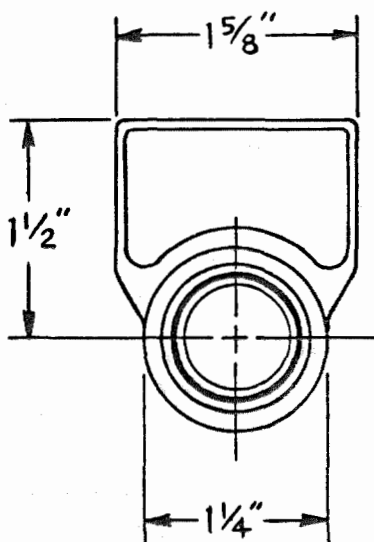
NOTE: If this operator is installed in an enclosure with walls more than 2-1/2" thick, the wall must be counterbored to ease installa-

tion of the sealing locknut on the operator body. The counterbore should be 2-1/4" in diameter to clear the contact block mounting plate. **IMPORTANT:** Do not counterbore any deeper than necessary. The minimum wall thickness shown below must be maintained for the particular hazardous location of your installation.

- Remove the cap and thread the remainder of the assembly through the hole from the inside until the threaded body protrudes approximately 1/4" on the face of the cover.
- Orient the assembly as desired and tighten the sealing locknut to secure it. (The assembly may be staked in place, if desired.)
- Position the nameplate on the cover and install the cap to hold it. Secure the cap with the set screw.
- Wire the system, secure the enclosure and turn **ON** the supplying circuit to test the system.

NOTE: All installations must comply with applicable local and/or National Electrical Code.

INSTALLATION DRAWINGS



MINIMUM ELECTRICAL CLEARANCE:
BETWEEN LIVE PARTS OF OPPOSITE POLARITY, 3/16"; LIVE PARTS TO GROUND, 1/4".

OPERATIONAL DATA

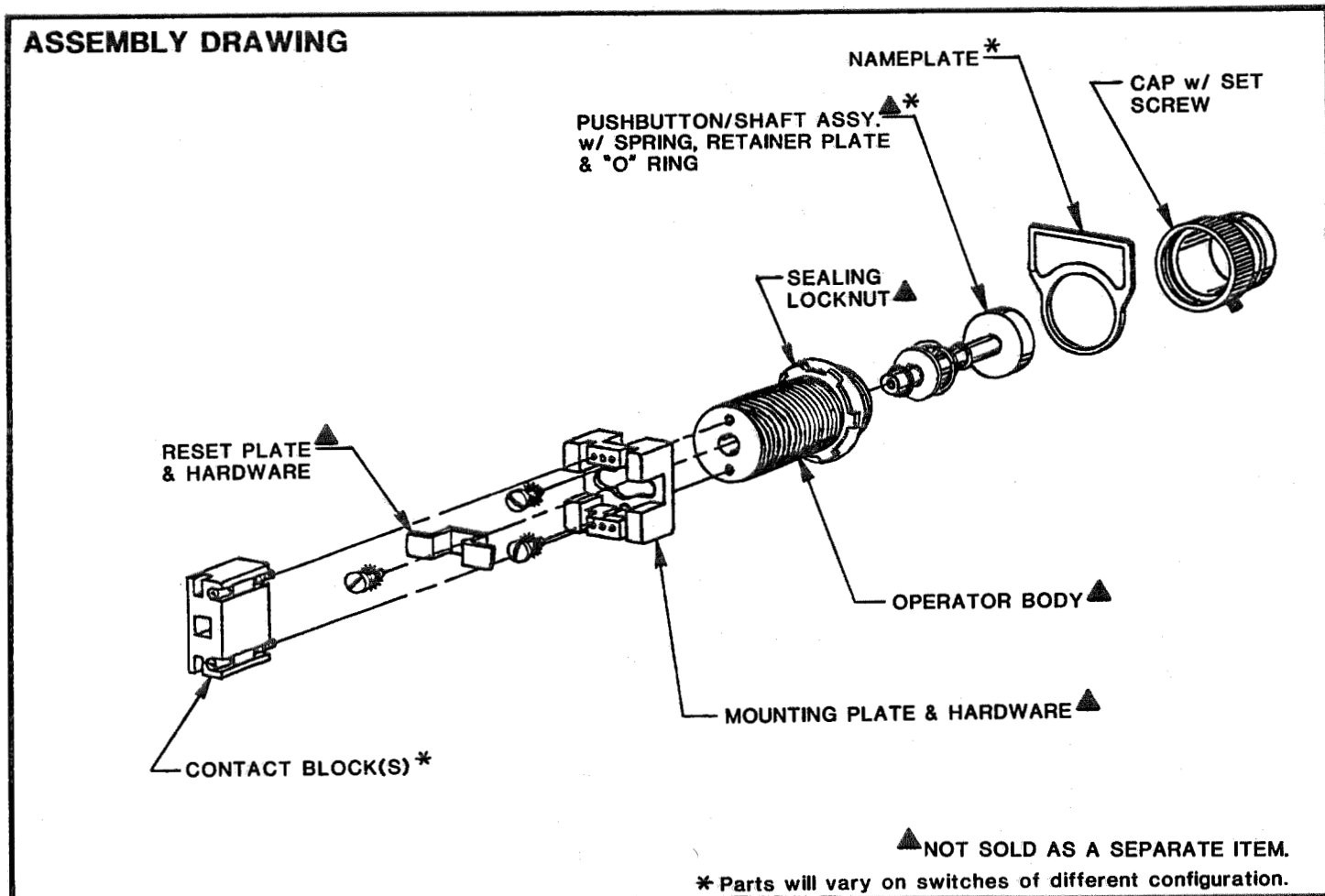
The contact blocks used on these operators are electrical arcing devices. Therefore, the enclosure in which they are installed must be provided with external seals, as required by NEC articles 501-5 & 502-5. In addition, the enclosure must be marked with a cautionary statement such as, "Caution: Disconnect this device from the supplying circuit before entering. Keep assembly tight while circuits are alive." This statement must be permanently visible after the enclosure has been installed.

MAINTENANCE DATA

"GO" Series Pushbutton Operators should be periodically checked for damage and proper operation.

WARNING: The surface between the operator body and pushbutton shaft is a flame path. If play develops between these parts, both the shaft and the body must be replaced at once.▲ Refer to the Assembly Drawing below and to the Killark catalog for specific replacement parts and part numbers.

REMEMBER TO SAVE ONE OF THESE SHEETS FOR MAINTENANCE PERSONNEL.



MAINTENANCE MANAGER: Please record the following information for your records.

COMPLETE CATALOG NO. _____
(As shown on carton)

INSTALLED BY _____

DATE OF INSTALLATION _____