

MOUNTING INSTRUCTIONS BULLETIN 800H PUSH BUTTONS FOR NEMA AND EEMAC TYPE 7 [3/8" (9.5) TO 2 1/2" (50.8) PANELS] AND TYPE 9 [7/32" (7.2) TO 2 1/2" (50.8) PANELS] 9

CAUTION: Maintain 1/2" (12.7) minimum clearance through air between current-carrying parts and enclosure.

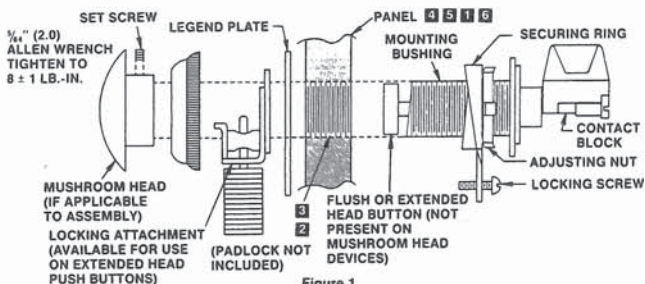


Figure 1

- Place securing ring and/or adjusting nut as supplied on unit as shown above and thread unit into panel until bushing extends approximately 1 1/32" (8.7) [4 to 5 threads] past front of panel, 3/32" (7.1) [3 to 4 threads] if a legend plate is not to be used. If a locking attachment is to be used, limit bushing extension to 4 threads.
- To secure unit, rotate to a position which provides electrical clearance and tighten adjusting nut and/or locking screw. Where two units are mounted adjacently, arrange securing rings to avoid interference.
- Place legend plate, if to be used, over mounting bushing.
- Assemble mounting ring as shown in Figure 1 and tighten. Allen-Bradley Catalog No. 800T-N3 wrench is available for this operation.
- Enclosure must comply with U.L. standard 698 and CSA standard C22.2 No. 30 for Class I Groups B, C and D hazardous locations or C22.2 No. 25 for Class II Groups E, F and G hazardous locations. For Class I locations, a suitable seal fitting is required within 18 inches on suitable Allen-Bradley base.
- Hole size to be .958 (24.3 Ø) to .970 diameter (24.6 Ø) 3/4"-14NPSM tap.
- Apply grease from capsule (supplied) to threads of 3/4"-14NPSM hole before assembling units into panel and to the threads of the lens assembly.
- For standard length units (Bul. 800H), maximum panel thickness is 1" (25.4). From 3/8" (9.5) to 23/32" (18.3) securing ring is used as shown, without adjusting nut. Securing ring is reversed when panel thickness is from 23/32" (18.3) to 29/32" (23.0) and eliminated between 29/32" (23.0) and 1" (25.4).
- For long barrel units (Bul. 800HL), maximum panel thickness is 2 1/2" (63.5). For panels above 2" (50.8) but not exceeding 2 1/2" (63.5) remove and discard securing ring and tighten device with adjusting nut only.

Guard Ring: Allen-Bradley Catalog Number 800H-NP13 guard ring (Figure 2) may be used in place of the mounting ring to provide additional protection against accidental operation of the flush head push button.

Mushroom Head Button: Thread mushroom head onto shaft from front of enclosure as shown and tighten set screw.

Locking Attachment: Allen-Bradley Catalog Number 800H-NP2 locking attachment may be used with extended head push buttons only. When mounted, the assembly should appear as Figure 3, with locking hasp located to the left of the operator. (Padlock not included.)



Figure 2

Important:
Locking bar must not interfere with adjacent units when in locked or unlocked positions.

GUARD RING

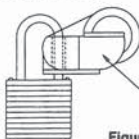


Figure 3

HASP SIZE
3/16" DIA. (4.8 Ø) MIN.
LOCKING BAR

Contact Blocks: One or two of the contact blocks listed below may be used with an operator. They may be mounted in various combinations. **Two tiers high maximum.**

Standard Block Cat. No. 800T-	Sealed Switch Contact Block Cat. No. 800T-	Logic Reed Block Cat. No. 800T-	Number of Contacts
XA	XAP 7 8	XAR	1 N.O.-1 N.C.
XA1	XD1P 7 8	—	1 N.C. (Late Break)-1 N.O.
XA2	XD2P 7 8	XA2R	2 N.O.
XA4	—	XA4R	2 N.C.
XA7	—	—	1 N.C. (Late Break)-1 N.C.
XD1	—	XD1R	1 N.O.
XD2	—	XD2R	1 N.C.
XD3	—	—	1 N.O.-Early Make
XD4	—	—	1 N.C.-Late Break
XD5 6	—	—	1 N.O.
XD6 6	—	—	1 N.C.

N.O. = Normally Open

N.C. = Normally Closed

6 Mini blocks 7/16" (22.2) deep may be used on second level. May not be mounted adjacent to the transformer (first level).

7 One tier high maximum.

8 Sealed switch contact units used with mushroom head operators must be Series E or later.

9 For Class I Group B application, 5/8" (15.9) minimum panel thickness is required.

NOTES:

- One level of standard contact blocks is maximum in a shallow base (Cat. No. 800H-1HZX7).
- One level of the standard or logic reed contact blocks, plus one level of mini blocks, is maximum in the deep base, (Cat. No. 800H-1HVX7), or with the sealing well (Cat. No. 800H-NPRD9) with screw terminations.
- The dual push button cover can be used with the full voltage pigtail termination-type pilot light (Cat. No. 800H-LP___R) and a non-illuminated push-pull push button. Terminals must face away from pilot light, unless an insulated pigtail/pilot light (which is available) is used. The standard two hole cover will not accept the two devices.

NOTE: Dimensions shown in parentheses are in millimeters.



