

MICRO SWITCH

A DIVISION OF HONEYWELL INFORMATION SYSTEMS
FREEPORT, ILLINOIS

FED. MFR. CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

51ML1

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

M

(M) 51ML1

REPLACES ISSUE 4

51ML1

M

DRAWING NUMBER

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

38

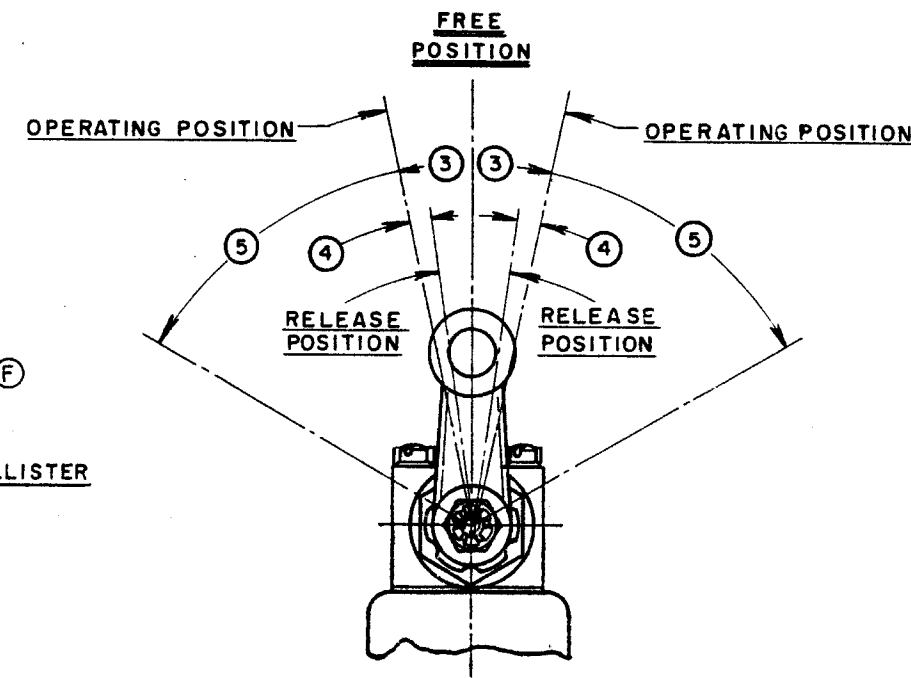
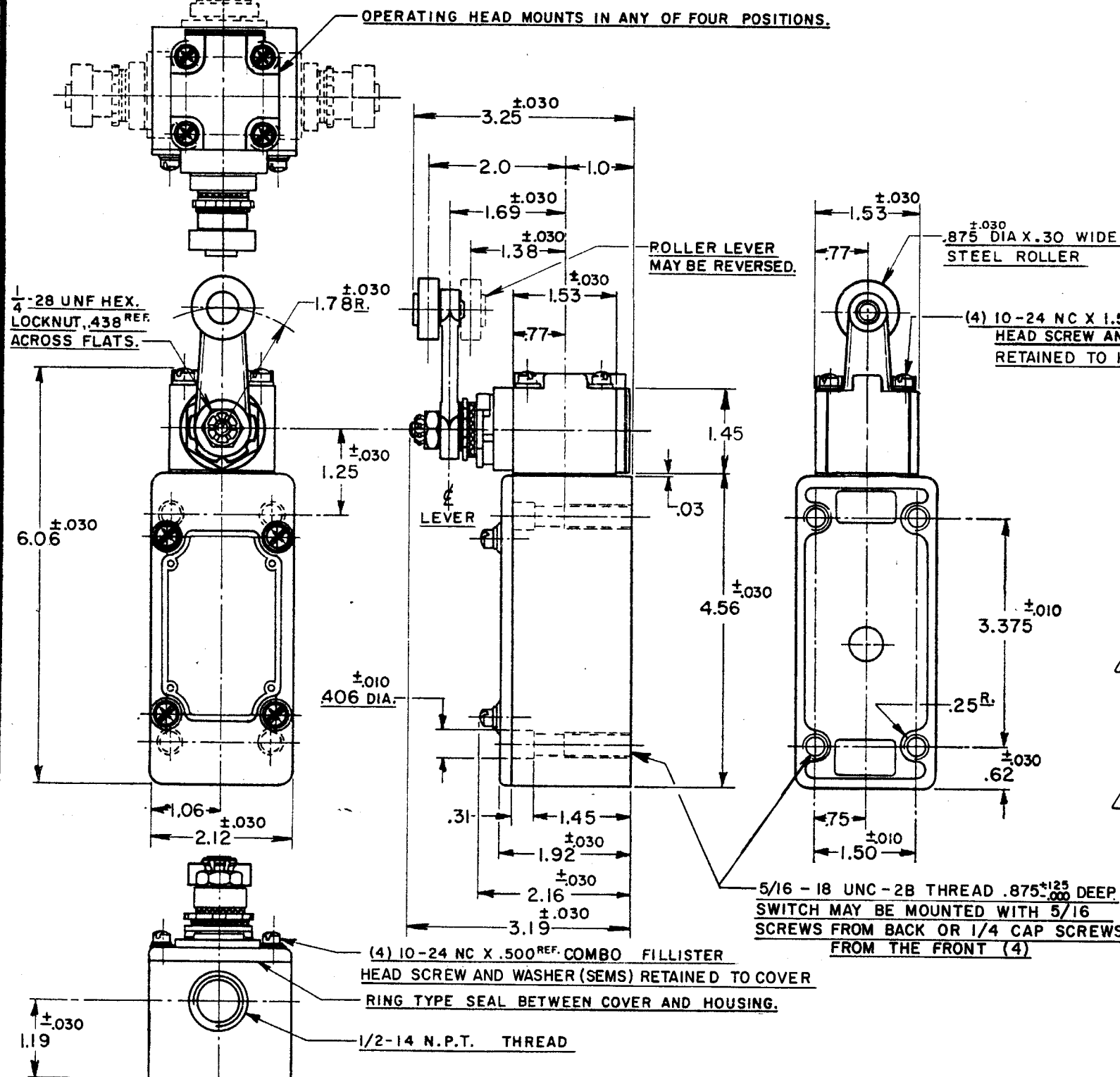
38

38

38

38

38



NOTES

- 1 - IT IS ESSENTIAL TO PREVENT ENTRANCE OF HARMFUL AGENTS THRU THE CONDUIT OPENING TO OBTAIN THE FULL BENEFIT OF THE SEALED CONSTRUCTION PROVIDED IN THIS UNIT
- 2 - SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION
- 3 - LEVER MAY BE POSITIVELY LOCKED AT INTERVALS OF APPROX 0.4° (870 POSITIONS)
- 4 - LEVER MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY, OR IN BOTH DIRECTIONS
- 5 - TO CONVERT SWITCH FOR ACTUATION IN EITHER CLOCKWISE OR COUNTER-CLOCKWISE DIRECTION ONLY, REMOVE THE HEAD AND SLIDE THE CAM TOWARD THE REAR OF THE HEAD SUFFICIENTLY TO DISENGAGE FROM THE FLATS ON THE SHAFT. ROTATE THE CAM 90° IN THE OPPOSITE DIRECTION OF THE ACTUATION DESIRED AND RE-ENGAGE THE CAM WITH THE FLATS ON THE SHAFT

CHARACTERISTICS

OPERATING FORCE ——— 3 LBS. MAX.
FULL OVERTRAVEL FORCE ——— 4 LBS. MAX.
RELEASE FORCE ——— (B) 1/4 LB. MIN.
PRETRAVEL ——— (3) ——— 12° MAX.
DIFFERENTIAL TRAVEL ——— (4) ——— 4° MAX.
OVERTRAVEL ——— (5) ——— 60° MIN.

SWITCH-BASIC REPLACEMENT ——— 1MK1

ELECTRICAL DATA

CONTACT ARRANGEMENT
S. P. D. T.

20 A-120, 240, 480 OR 600 VAC; 3/4 HP-120 VAC,
1 1/2 H.P.-240 VAC; 1/2 A-115 VDC; 1/4 A-230 VDC
PILOT DUTY RATING: 600 VAC MAX.

SCALE 1/2 TO 1

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

ONE PLACE (.0) ±.030
TWO PLACE (.00) ±.015
THREE PLACE (.000) ±.005
ANGLES ±

WEIGHT

①

SP

UL

74-963

R. L. Z. 12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56

12 OCT. 56