

**MICRO SWITCH**

A DIVISION OF HONEYWELL INTERNATIONAL INCORPORATED  
FREEPORT, NEW YORK

FED MFR CODE 91929

**SWITCH - ENCLOSED**

CATALOG LISTING  
**151ML2**

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151ML2

M

DRAWING NUMBER

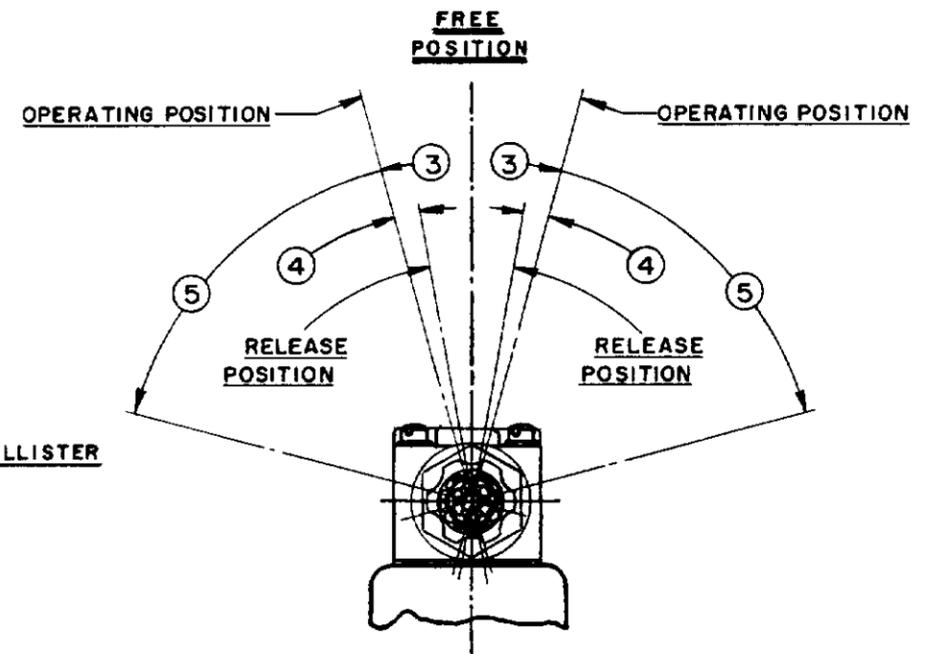
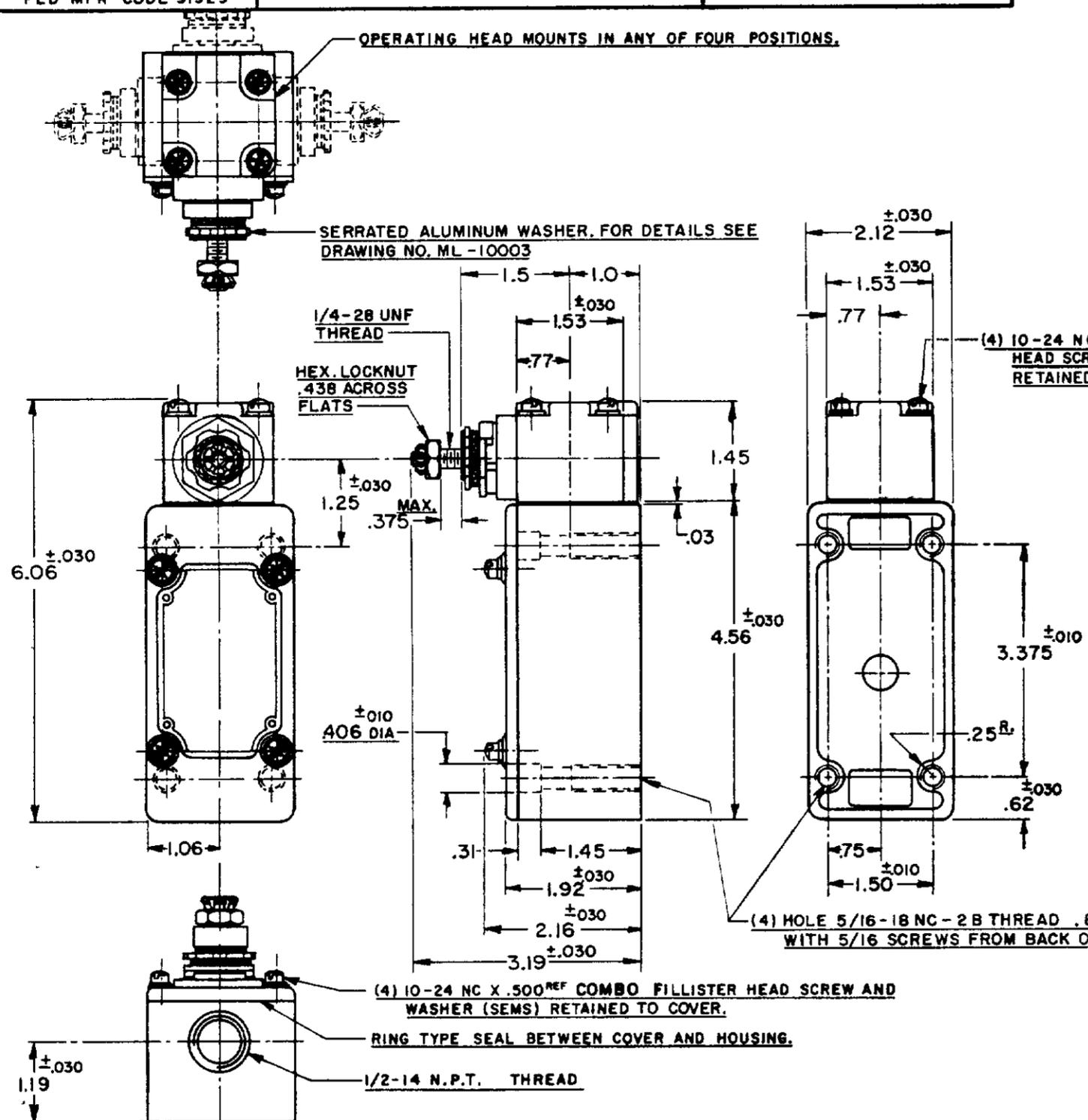
ISSUE  
A  
B  
C  
D  
E  
F  
G

REVISIONS

|   |           |        |            |
|---|-----------|--------|------------|
| A | CO11247   | OMW    | 17 MAR 58  |
| B | CO12789   | M.B.F. | 15 MAY 58  |
| C | CO22643   | D.W.C. | 21 MAR 67  |
| D | CO26064   | M.B.S. | 25 JUNE 69 |
| E | CO52194-D | Y.S.K. | 26 SEPT 83 |
| F | CO68051-B | J.A.P. | 17 DEC 84  |
| G | CO74287   | G.J.W. | 23 APR 85  |

74-963  
DRAWN  
O.M.W.  
17 MAR 58  
CHECK  
G.C.H.  
4 APR 58

(M) 151ML2  
ISSUE 3  
REPLACES  
RELEASE NO  
CHECK  
K.F.M.  
4-APR-58



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  
3  
SWITCH IS ASSEMBLED FOR ACTUATION IN EITHER DIRECTION TO CONVERT SWITCH FOR ACTUATION 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

4 - SHAFT MAY BE ADJUSTED TO ACTUATE THE SWITCH IN THE CLOCKWISE DIRECTION ONLY, THE COUNTER-CLOCKWISE DIRECTION ONLY OR IN BOTH DIRECTIONS

|   |   |                        |    |                            |
|---|---|------------------------|----|----------------------------|
| <b>CHARACTERISTICS</b>                      |   | <b>ELECTRICAL DATA</b> |    | SCALE 1/2 TO 1             |
| OPERATING TORQUE - 5 11/32 LBS-IN. MAX.     | CONTACT ARRANGEMENT<br>TWO CIRCUIT DOUBLE THROW<br>DOUBLE BREAK   | BREAK DISTANCE         | UL | DO NOT SCALE PRINT         |
| FULL OVERTRAVEL TORQUE - 7 1/8 LBS-IN. MAX. |   |                        |    | UNLESS OTHERWISE SPECIFIED |
| RELEASE TORQUE - 7/16 LB-IN MIN.            | 10A-120, 240, 480, OR 600 VAC<br>1/2 HP-120 VAC, 1 HP-240 VAC<br>0.8 A-115 VDC, 0.4 A-230 VDC<br>PILOT DUTY 600 VAC MAX | SP                     | UL | DIMENSIONS ARE IN INCHES   |
| PRETRAVEL - ③ - 15° MAX.                    |   |                        |    | <b>TOLERANCES ARE:</b>     |
| DIFFERENTIAL TRAVEL - ④ - 7° MAX.           |   |                        |    | ONE PLACE ( 0 ) ±.030      |
| OVERTRAVEL - ⑤ - 60° MIN.                   |   |                        |    | TWO PLACE ( 00 ) ±.015     |
| SWITCH-BASIC REPLACEMENT - IMNI             |   |                        |    | THREE PLACE ( 000 ) ±.008  |
|   |   |                        |    | ANGLES ±                   |
|   |   |                        |    | WEIGHT                     |

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