MICRO SWITCH
A DIVISION OF HONEYWELL
FREEPORT, ILLINOIS
FED MFR CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
151ML2

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(M) 151ML2 ISSUE 3 REPLACES
151ML2 RELEASE NO M DRAWING NUMBER
ISSUE 10 4-APR-58 K.F.M. CHECK
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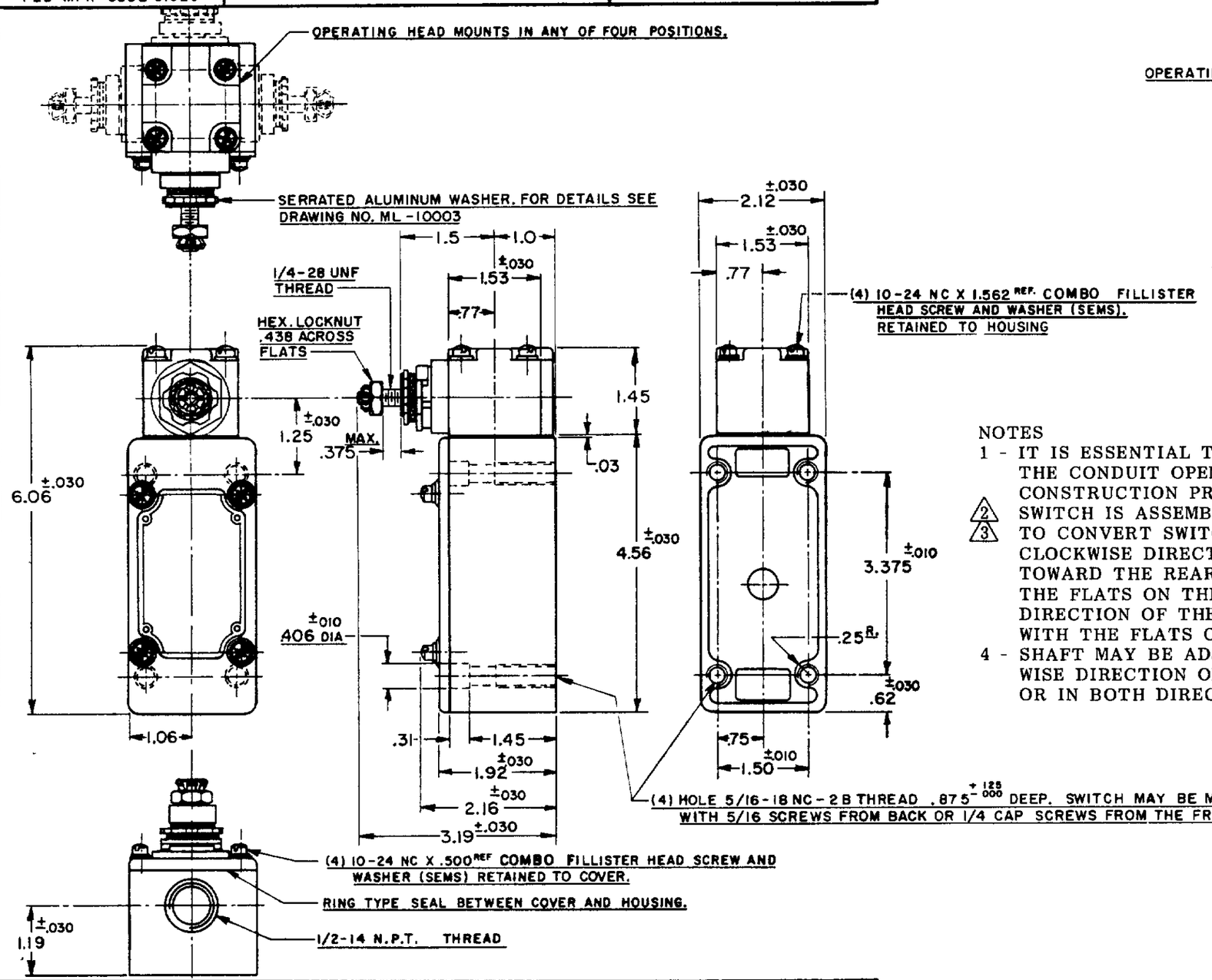
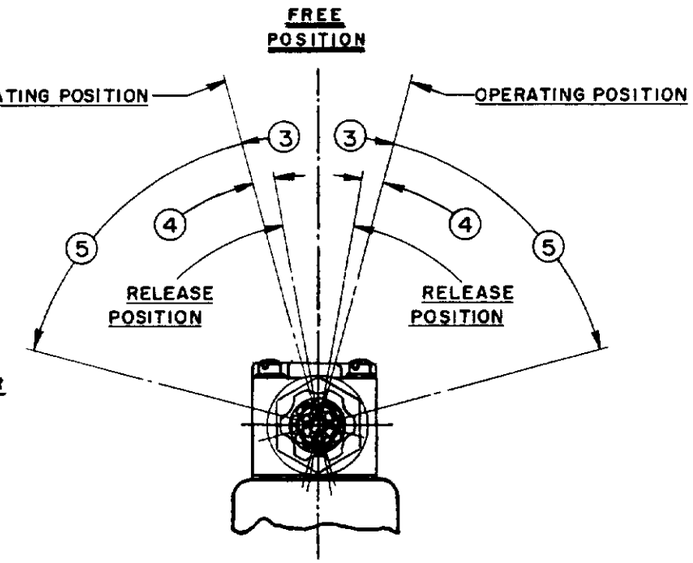
REVISIONS		
A	C011247	O.M.W. 17 MAR 58
B	C012789	N.B.F. 15 MAY 58
C	C022643	D.W.C. 21 MAR 67
D	C026064	M.B.S. 25 JUNE 69
E	CO 52194-D	TSK 26 SEPT 83
F	C065051-B	JAP 17 DEC 84
G	C074287	GJW 23 APR 85





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 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 2 3

CHARACTERISTICS

OPERATING TORQUE — 5 11/32 LBS-IN. MAX.
FULL OVERTRAVEL TORQUE — 7 1/8 LBS-IN. MAX.
RELEASE TORQUE — 7/16 LB-IN MIN.
PRETRAVEL — (3) — 15° MAX.
DIFFERENTIAL TRAVEL — (4) — 7° MAX.
OVERTRAVEL — (5) — 60° MIN.
SWITCH-BASIC REPLACEMENT — IMNI

ELECTRICAL DATA

CONTACT ARRANGEMENT
TWO CIRCUIT DOUBLE THROW
DOUBLE BREAK

BREAK DISTANCE

10 A-120, 240, 480, OR 600 VAC
1/2 HP-120 VAC, 1 HP-240 VAC
0.8 A-115 VDC, 0.4 A-230 VDC
PILOT DUTY 600 VAC MAX

(B) UL CSA

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		±1°

WEIGHT

74-9613