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MICRO SWITCH
 FED. MFR. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
151ML1

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DRAWING NUMBER

ISSUE

REVISIONS

A	CO11247
B	CO12739
C	CO18844
D	CO20078
E	CO20064
F	CO21940
G	CO20006
H	CO20428
I	CO20428

OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS

ROLLER LEVER MAY BE REVERSED

FREE POSITION

OPERATING POSITION

RELEASE POSITION

(4) 10-24 NC X .500 COMBO FILLISTER HEAD SCREW AND WASHER (SEMS) RETAINED TO COVER

(4) 10-24 NC X 1.562 COMBO FILLISTER HEAD SCREW AND WASHER (SEMS) RETAINED TO HOUSING

(4) HOLE 5/16-18 NC-2 B THREAD .875" DEEP. SWITCH MAY BE MOUNTED WITH 5/16 SCREWS FROM BACK OR 1/4 CAP SCREWS FROM THE FRONT.

RING TYPE SEAL BETWEEN COVER AND HOUSING

1/2-14 N.P.T. THREAD

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
- 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	ELECTRICAL DATA (1MINI)	SCALE 1/2 TO 1
OPERATING FORCE ----- 3 LBS. MAX.	CONTACT ARRANGEMENT	DO NOT SCALE PRINT
FULL OVERTRAVEL FORCE ----- 4 LBS. MAX.	TWO CIRCUIT DOUBLE THROW	UNLESS OTHERWISE SPECIFIED
RELEASE FORCE ----- 1/4 LB. MIN.	DOUBLE BREAK	DIMENSIONS ARE IN INCHES
PRETRAVEL ----- ③ --- 15° MAX.	② 10A-120, 240, 480, OR 600 VAC	TOLERANCES
DIFFERENTIAL TRAVEL ----- ④ --- 7° MAX.	1/2 HP-120 VAC, 1 HP-240 VAC	ONE PLACE (.05) ±.005
OVERTRAVEL ----- ⑤ --- 60° MIN.	OR A-115 VDC, 0.4 A-230 VDC	TWO PLACE (.01) ±.015
SWITCH-BASIC REPLACEMENT ----- 1MINI	PILOT DUTY 600 VAC MAX	THREE PLACE (.001) ±.005
		ANGLES ±.005
		WEIGHT