

DRAWING NUMBER
M 201LS242
 ISSUE
 1
 2
 3
 4
 5
 6
 7
 REVISIONS
 A 02/23/68
 B 02/23/73
 C 02/25/82
 D 02/25/82
 E 02/03/84
 F 03/24/89
 G 03/24/89
 H 03/24/89
 I 03/24/89
 J 03/24/89
 K 03/24/89
 L 03/24/89
 M 03/24/89
 N 03/24/89
 O 03/24/89
 P 03/24/89
 Q 03/24/89
 R 03/24/89
 S 03/24/89
 T 03/24/89
 U 03/24/89
 V 03/24/89
 W 03/24/89
 X 03/24/89
 Y 03/24/89
 Z 03/24/89
 DRAWN
 WEG
 14 NOV 85
 CHECKED
 LJS
 14 NOV 85
 APPROVED
 LJS
 14 NOV 85
 FILED NO. SR - 12550
 REPLACES
 M 201LS242

MICRO SWITCH
 FREEPORT, ILLINOIS, U.S.A.
 A DIVISION OF HONEYWELL
 FED. MFG. CODE 91929

CATALOG LISTING
201LS242

SWITCH - ENCLOSED

CIRCUIT DIAGRAM

OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS

CAPTIVE MOUNTING SCREW (2)

LEVER INVERTED

.75 DIA. X .25 WIDE STEEL ROLLER (3)

1.50 R

3.525 ± .040

2.905 ± .040

.257 DIA HOLE (THRU) (2)

1.03

1.0

3.05

2.250 ± .010

.180 ± .030 X .320 MIN DEEP CLEARANCE HOLES (2)

1/4 - 20 UNC MOD THREAD X .562 MIN DEPTH (3)

500 ± .010

1.17

.25

1.35

3.450 ± .030

1.79

1/2 - 14 NPT THREAD

CAM TRACKING VIEW

OPERATING POSITION

FREE POSITION

OPERATING POSITION

OVERTRAVEL

PRETRAVEL

DIFFERENTIAL TRAVEL

RELEASE TRAVEL

OVERTRAVEL

PRETRAVEL

DIFFERENTIAL TRAVEL

RELEASE TRAVEL

.578 ± .030

2.664 ± .010

.18

.738

1.476 ± .010

.20

.578 ± .030

3.188 ± .010

2.664 REF

3.59

1.476 ± .010

1.92

.218 MAX DIA HOLE FOR NO. 10 SCREW (3)

DOTTED LINES INDICATE .18 PAI IN PLACE

NOTE-

1 - SWITCH IS ASSEMBLED FOR ACTUATION IN BOTH DIRECTIONS BUT MAY BE ADJUSTED TO ACTUATE IN EITHER THE CLOCKWISE DIRECTION ONLY OR THE COUNTERCLOCKWISE DIRECTION ONLY

2 - TO CONVERT SWITCH FOR ACTUATION IN EITHER THE CLOCKWISE OR COUNTERCLOCKWISE DIRECTION ONLY, REMOVE ACTUATOR HEAD AND ROTATE THE NOTCHED PLUNGER 90° TO THE RIGHT FOR CLOCKWISE ACTUATION OR 90° TO THE LEFT FOR COUNTERCLOCKWISE ACTUATION

3 - ROLLER LEVER MAY BE LOCKED IN ANY POSITION THRU 360°

4 - LEVER FURNISHED UNASSEMBLED IN UNIT PACKING BOX

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CHARACTERISTICS	ELECTRICAL DATA	SCALE 1/2 TO 1
OPERATING FORCE - - - - - 3 LB MAX	CONTACT ARRANGEMENT (SEE CIRCUIT DIAGRAM)	DO NOT SCALE PRINT
FULL OVERTRAVEL FORCE - - - 4 LB MAX	UNLESS OTHERWISE NOTED	
RELEASE FORCE - - - - - 1/2 LB MIN	DIMENSIONS ARE IN INCHES	
PRETRAVEL - - - - - 20° MAX	10A - 120, 240, OR 480 VAC; 1/3 HP - 120 VAC	TOLERANCES ARE:
DIFFERENTIAL TRAVEL - - - 12° MAX	1A - 550 VDC	ONE PLACE (.01) 2.030
OVERTRAVEL - - - - - 30° MIN	PILOT DUTY: 600 VAC MAX	TWO PLACE (.001) 2.015
RELEASE TRAVEL - - - - - 5° MIN		THREE PLACE (.000) 2.005
SWITCH - BASIC REPLACEMENT - - - 2MNS		ANGLES 1
		WEIGHT