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 K K W 13 MAR 64
 L L W 13 MAR 64
 M M W 13 MAR 64
 N N W 13 MAR 64
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 P P W 13 MAR 64
 Q Q W 13 MAR 64
 R R W 13 MAR 64
 S S W 13 MAR 64
 T T W 13 MAR 64
 U U W 13 MAR 64
 V V W 13 MAR 64
 W W W 13 MAR 64
 X X W 13 MAR 64
 Y Y W 13 MAR 64
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 FORMTEK
 DRAWN
 RELEASE NO. SR 11477
 REFERENCE

MICRO SWITCH
 FREEPORT, ILLINOIS, U.S.A.
 A DIVISION OF HONEYWELL
 FED. MFG. CODE B1929

CATALOG LISTING
201LS502

SWITCH - ENCLOSED

NO 4 NC 1
 NO 3 NC 2
 CIRCUIT DIAGRAM

OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS
 CAPTIVE MOUNTING SCREW (2)
 410 ± .030
 .285 ± .003

CAPTIVE HEAD SCREW (4)
 HARDENED CORROSION RESISTANT STEEL SHAFT STRAIGHT KNURL 42 ± 10 THREADS PER INCH
 .578 ± .030
 2.664 ± .010
 .18
 .738
 1.476 ± .010

1.03
 .257 DIA HOLE (THRU) (2)
 1.03
 1.0
 3.05
 2.250 ± .010
 .60
 .25
 .500 ± .010
 1/4 - 20 UNC MOD THREAD X .562 MIN DEPTH (3)
 1.17
 .25
 1.35
 3.450 ± .030

.180 ± .030 X .320 MIN DEEP CLEARANCE HOLES (2)
 .20
 .578 ± .030
 3.59
 2.664 REF
 3.188 ± .010
 .218 MAX DIA HOLE FOR NO. 10 SCREW (3)
 1.476 ± .010
 1.92
 DOTTED LINES INDICATE 18 PA1 IN PLACE

FREE POSITION
 OPERATING POSITION
 OVERTRAVEL
 PRETRAVEL
 DIFFERENTIAL TRAVEL
 RELEASE TRAVEL

NOTE -

- 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
- 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
- ALUMINUM HOUSING FINISHED WITH BLUE PAINT
- UNIT CONTAINS ENCLOSED PILOT LIGHT FOR 120 VAC OPERATION
 PLASTIC INSERT MAY BE REVERSED SO THAT LAMP WILL LIGHT WHEN EITHER THE NO OR THE NC CIRCUIT IS OPEN. PRIOR TO INSTALLING SWITCH REMOVE PLASTIC INSERT. REMOVE TAPE WHICH COVERS HOLES IN BASIC SWITCH COVER THAT CORRESPOND TO CIRCUIT TO BE USED FOR INDICATING LAMP. INSTALL INSERT WITH CONTACT SPRING EXTENDING THROUGH HOLES IN BASIC SWITCH COVER

CHARACTERISTICS	ELECTRICAL DATA	SCALE 1/2 TO 1
OPERATING FORCE - 4 1/2 LB IN MAX	CONTACT ARRANGEMENT (SEE CIRCUIT DIAGRAM)	DO NOT SCALE PRINT
FULL OVERTRAVEL FORCE - 6 LB IN MAX		UNLESS OTHERWISE NOTED
RELEASE FORCE - 3/4 LB IN MIN	10A - 120 VAC; 1/3 HP - 120 VAC	DIMENSIONS ARE IN INCHES
PRETRAVEL - 20° MAX		TOLERANCES ARE:
DIFFERENTIAL TRAVEL - 12° MAX		ONE PLACE (.01) 2.000
OVERTRAVEL - 30° MIN		TWO PLACE (.005) 2.018
RELEASE TRAVEL - 5° MIN		THREE PLACE (.000) 2.008
SWITCH-BASIC REPLACEMENT - 2MN14		ANGLES 5
		WEIGHT