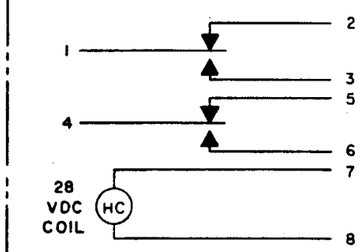
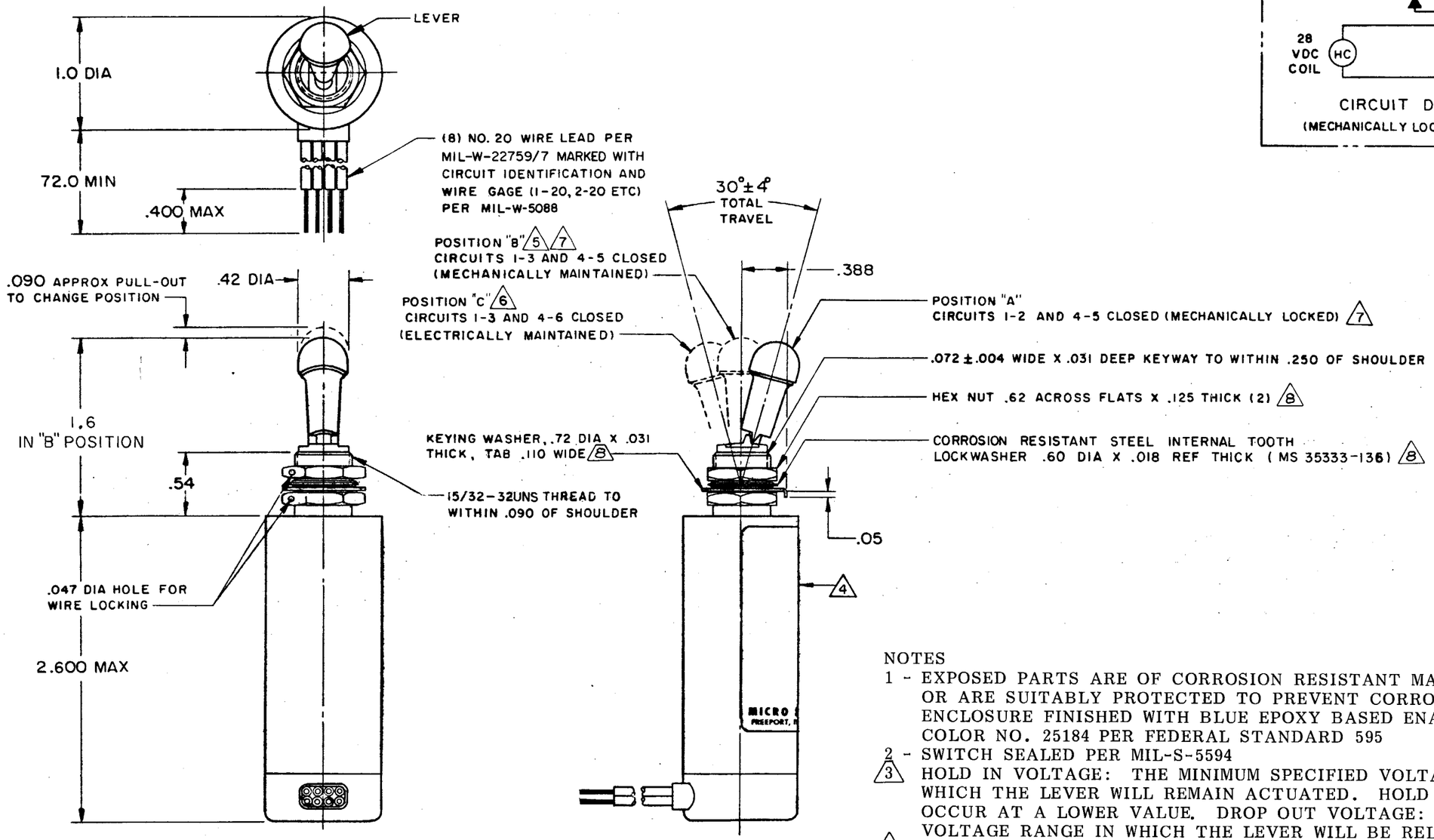
MICRO SWITCH
A DIVISION OF MINNEAPOLIS-HONEYWELL REGULATOR COMPANY
FREEPORT, ILLINOIS
FED. MFR. CODE 91929

SWITCH - TOGGLE (MAGNETIC HOLD-IN)

CATALOG LISTING
27ET2-6-P



CIRCUIT DIAGRAM
(MECHANICALLY LOCKED POSITION A)



NOTES

1 - EXPOSED PARTS ARE OF CORROSION RESISTANT MATERIAL OR ARE SUITABLY PROTECTED TO PREVENT CORROSION ENCLOSURE FINISHED WITH BLUE EPOXY BASED ENAMEL COLOR NO. 25184 PER FEDERAL STANDARD 595

2 - SWITCH SEALED PER MIL-S-5594

3 HOLD IN VOLTAGE: THE MINIMUM SPECIFIED VOLTAGE AT WHICH THE LEVER WILL REMAIN ACTUATED. HOLD IN MAY OCCUR AT A LOWER VALUE. DROP OUT VOLTAGE: THE VOLTAGE RANGE IN WHICH THE LEVER WILL BE RELEASED

4 CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH

5 ENERGIZING THE SOLENOID WILL NOT BREAK CIRCUITS 1-3 AND 4-5

6 CIRCUITS 1-3 AND 4-6 CAN BE BROKEN MANUALLY

7 CONTACTS TRANSFER AS LEVER PASSES OVER UPPER FLAT PORTION OF LOCK-OUT PROTRUSION

8 HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

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CHARACTERISTICS 3

SOLENOID RATING AT 20° C

STEADY STATE LIMITS	20-29 VDC
HOLD IN	15 VDC
DROP OUT	0-15 VDC
COIL RESISTANCE	220 OHM MIN
OPERATING FORCE	7 LBS MAX
OVERRIDE FORCE AT 29 VDC	10 LBS MAX

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T (2)

VOLTAGE	RATING IN AMPERES							
	SEA LEVEL				65,000 FT			
	INRUSH	RES	IND	MOTOR	INRUSH	RES	IND	MOTOR
28 VOLTS DC		7	2			5	1.5	

SCALE FULL

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		±

WEIGHT 14.0 OZ MAX

M 27ET2-6-P

REPLACES
RELEASE NO. PR-4893
DRAWING NUMBER
ISSUE
CHECK

REVISIONS

A	CORR
	J A H 25 SEP 72
B	PR-4893
	R E R 30 APR 75
C	C038196
	K P K 3 FEB 77
D	CO 50162
	WJM 6 OCT 81
E	C051725-E
	R J H 25 JAN 83
F	CO-53400
	K A G 14 JUL 83
G	C053825
	J A P 14 SEPT 83
H	C054089
	J A P 8 DEC 83
J	C055800
	T S K 31 AUG 84

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DRAWN
D B W 20 APR 72
L S 20 APR 72
FO-50378-003