

MICRO SWITCH
FREESTATE ILLINOIS USA
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

**SWITCH - TOGGLE
(MAGNETIC HOLD-IN)**

CATALOG LISTING
26 ET9-T

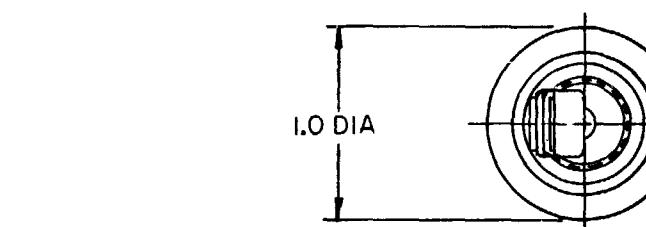
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RELEASE NO. PR-4871
PAGE 1 OF 1

DRAWING NUMBER
1011
ISSUE
CHECK

REVISIONS
A PR 4871
GL H 24 APR 75
B C036521
R E R 26 DEC 75
C C038514
J A L 18 APR 77
D CO 50162
WJM 30 SEP 81
E C054584
JAS 26 JAN 84
F C053401
JAS 15 MAR 84
G CO 56297-B
T A D 19 JUL 85
H C079565
G J W 7 AUG 96
J C094366
TSM 8 JUN 99
K C095336
DLT 28 OCT 99

FORMTEK
F0-52651
DRAWN
JAH 3 DEC 73
CHECK
4 Dec 73
LSD
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 - CIRCUITS CAN BE TRANSFERRED MANUALLY. ENERGIZING THE COIL
WILL NOT CAUSE TRANSFER OF CIRCUITS
CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH KEYWAY SIDE
SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
HARDWARE MAYBE FURNISHED UNASSEMBLED PER MIL-S-5594
5
6
7



CIRCUITS 1-2 AND 4-5 MADE
(MECHANICALLY MAINTAINED POSITION)

.388

CIRCUITS 1-3 AND 4-6 MADE
(ELECTRICALLY MAINTAINED POSITION)

30° ± 4°

1.160 ± .030

.47

1.870 MAX

.05

.047 DIA HOLE FOR
WIRE LOCKING

5

PADDLE LEVER
(ANODIZED ALUMINUM- LUSTERLESS FINISH)

.072 ± .004 WIDE X .031 DEEP KEYWAY
TO WITHIN .250 OF SHOULDER

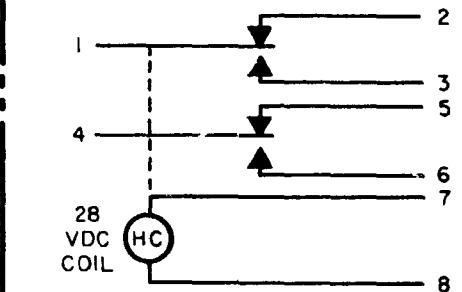
.375 ± .030

15/32 - 32 NS THREAD TO WITHIN .090 OF SHOULDER

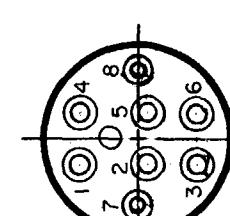
HEX NUT .62 ACROSS FLATS X .125 THICK (2) 7

CORROSION RESISTANT STEEL INTERNAL TOOTH
LOCKWASHER .60 DIA X .018 REF THICK (MS35333-136) 7

KEYING WASHER .72 DIA X .031 THICK
TAB .110 WIDE 7



CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED
POSITION)



CHARACTERISTICS 3

SOLENOID RATING AT 20°C
STEADY STATE LIMITS ----- 20-30 VDC
HOLD IN ----- 15 VDC
DROP OUT ----- 0-15 VDC
OVERRIDE FORCE AT 30 VDC ----- 7.5 LB MAX
OPERATING FORCE AT 30 VDC ----- 5 LB MAX
COIL RESISTANCE AT 30 VDC ----- 460 OHM MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT

S P D T (2)

RATING IN AMPERES

VOLTAGE

SEA LEVEL

65,000 FT

RES IND MOTOR

RES IND MOTOR

28 VOLTS DC

4 2.5 4

4 2 4

SCALE FULL

DO NOT SCALE PRINT

• UNLESS OTHERWISE
NOTED

DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

ONE PLACE .001 ± .030
TWO PLACE .001 ± .015
THREE PLACE .0001 ± .005

ANGLES

WEIGHT 4.0 OZ MAX