

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

SWITCH - TOGGLE (MAGNETIC HOLD-IN)

CATALOG LISTING
25ET24-S

25ET24-S

M

DRAWING
NUMBER

8

ISSUE

REPLACES

RELEASE NO. PR-4653

CHECK

REVISIONS

A CO
61410
5 OCT 87

CHECK

GU 17 DEC 87

CHECK

5 OCT 87

D J S

D J S

DDM/CAD

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

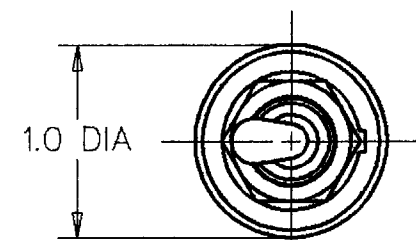
CHARACTERISTICS

SOLENOID RATING AT 20° C	
STEADY STATE LIMITS	20-29 VDC
HOLD IN	15 VDC
DROP OUT	5-9 VDC
COIL RESISTANCE	220 OHM MIN
OPERATING FORCE	7 LBS MAX
OVERRIDE FORCE AT 29 VDC-10 LBS MAX	

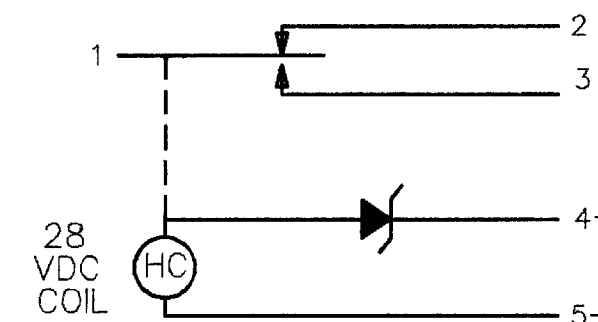
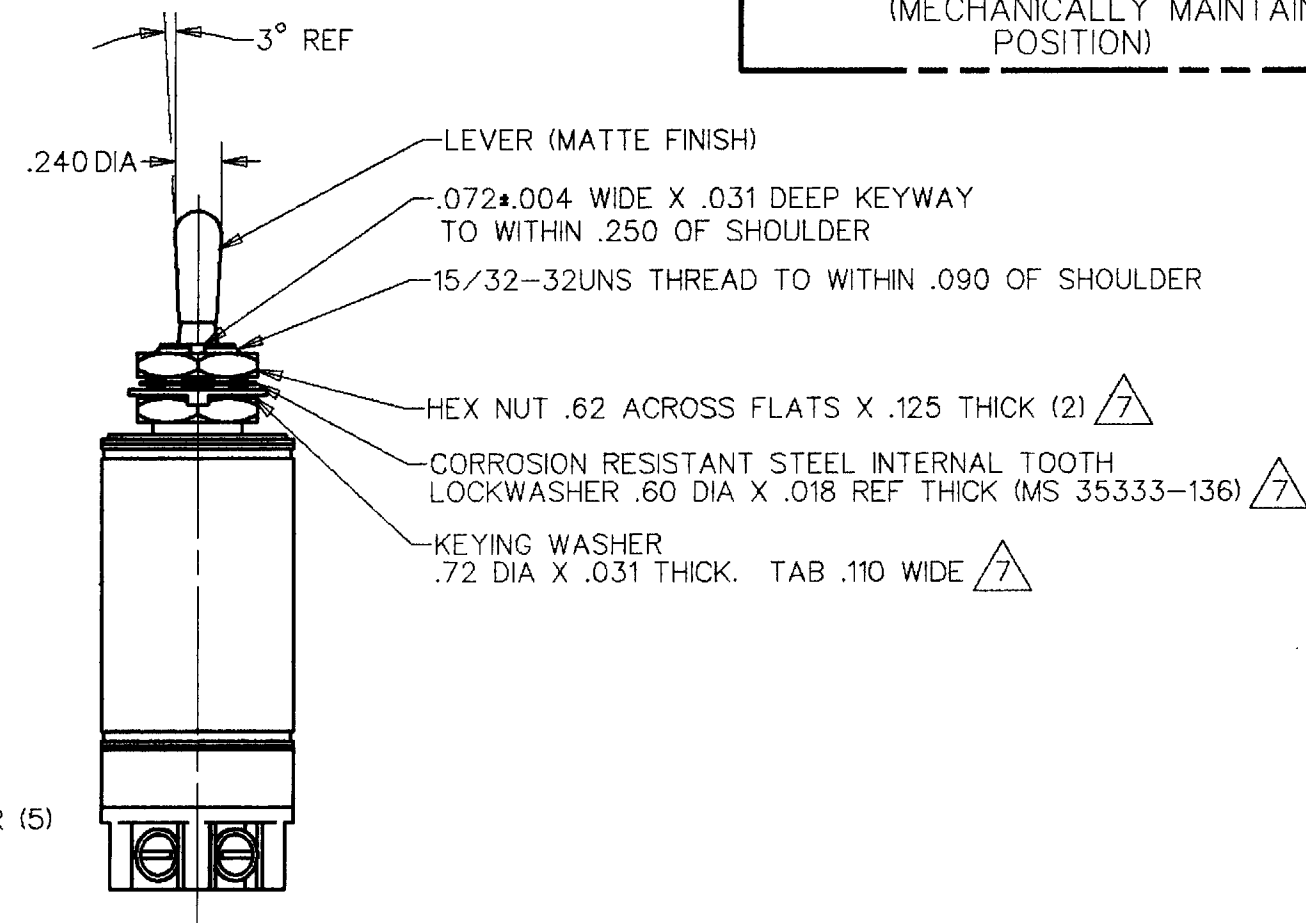
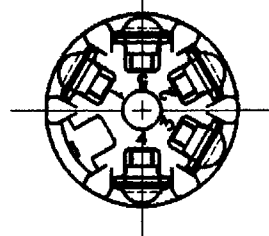
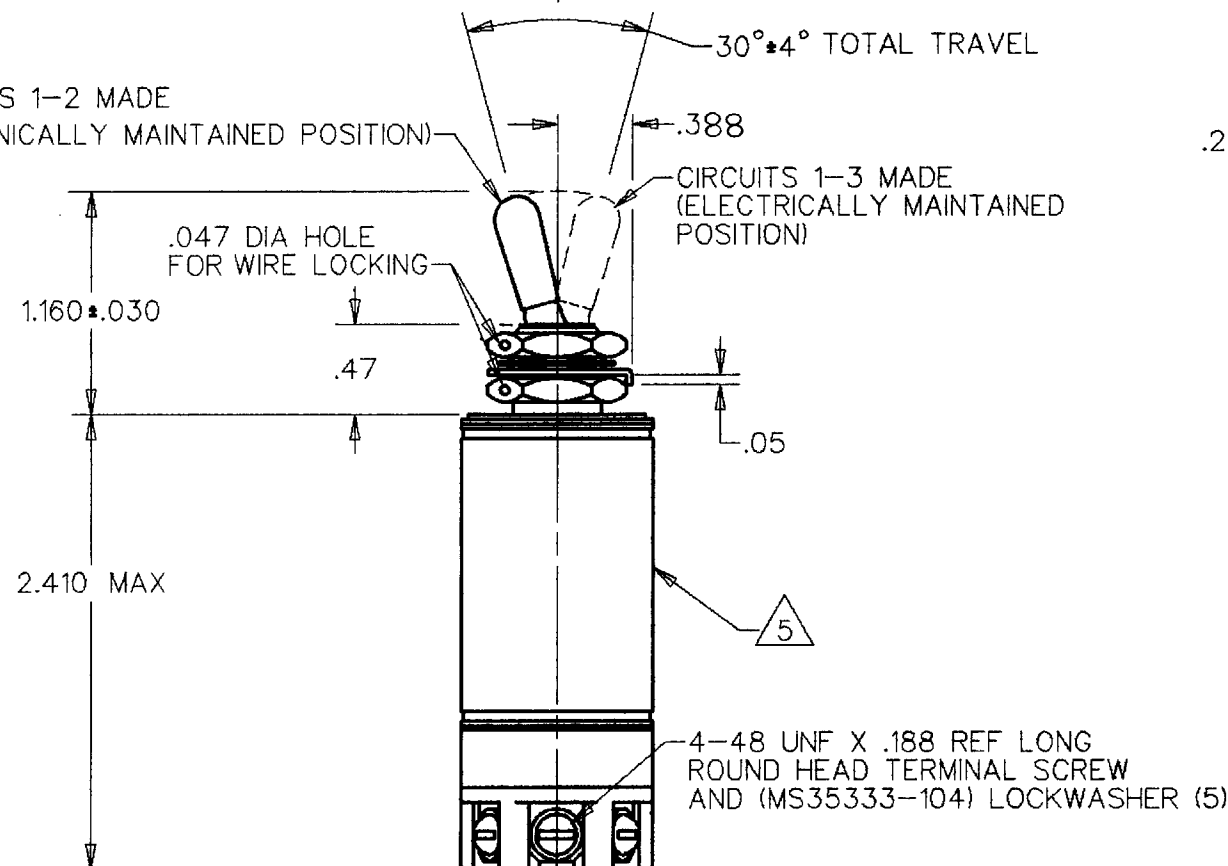
ELECTRICAL DATA

CONTACT ARRANGEMENT S P D T	
RATINGS IN AMPERES	
VOLTAGE	SEA LEVEL 65,000 FT
	INRUSH RES IND MOTOR INRUSH RES IND MOTOR
28 VOLTS DC	4 3 4 4 2.5 4

SCALE	FULL
DO NOT SCALE PRINT	
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±	
ONE PLACE	(.0) ±.030
TWO PLACES	(.00) ±.015
THREE PLACES	(.000) ±.005
ANGLES	±
RAW MATERIAL-COMMERCIAL STANDARD THIRD ANGLE PROJECTION	
WEIGHT	4.0 OZ MAX



CIRCUITS 1-2 MADE
(MECHANICALLY MAINTAINED POSITION)



CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED
POSITION)

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
- 5 - CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH
- 6 - ZENER DIODE IN COIL TO CONTROL 5-9 VOLT DROPOUT
- 7 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[25ET24-S](#)