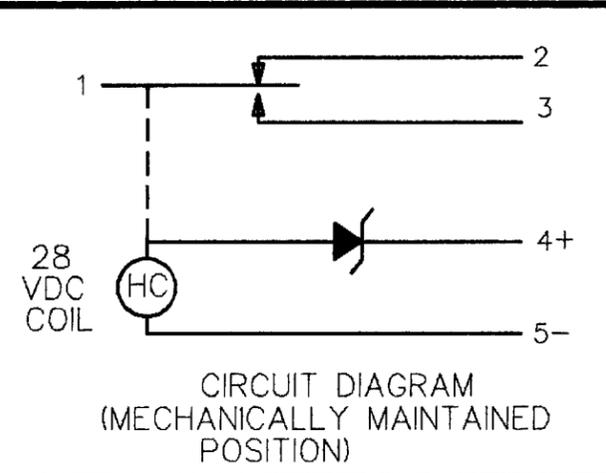


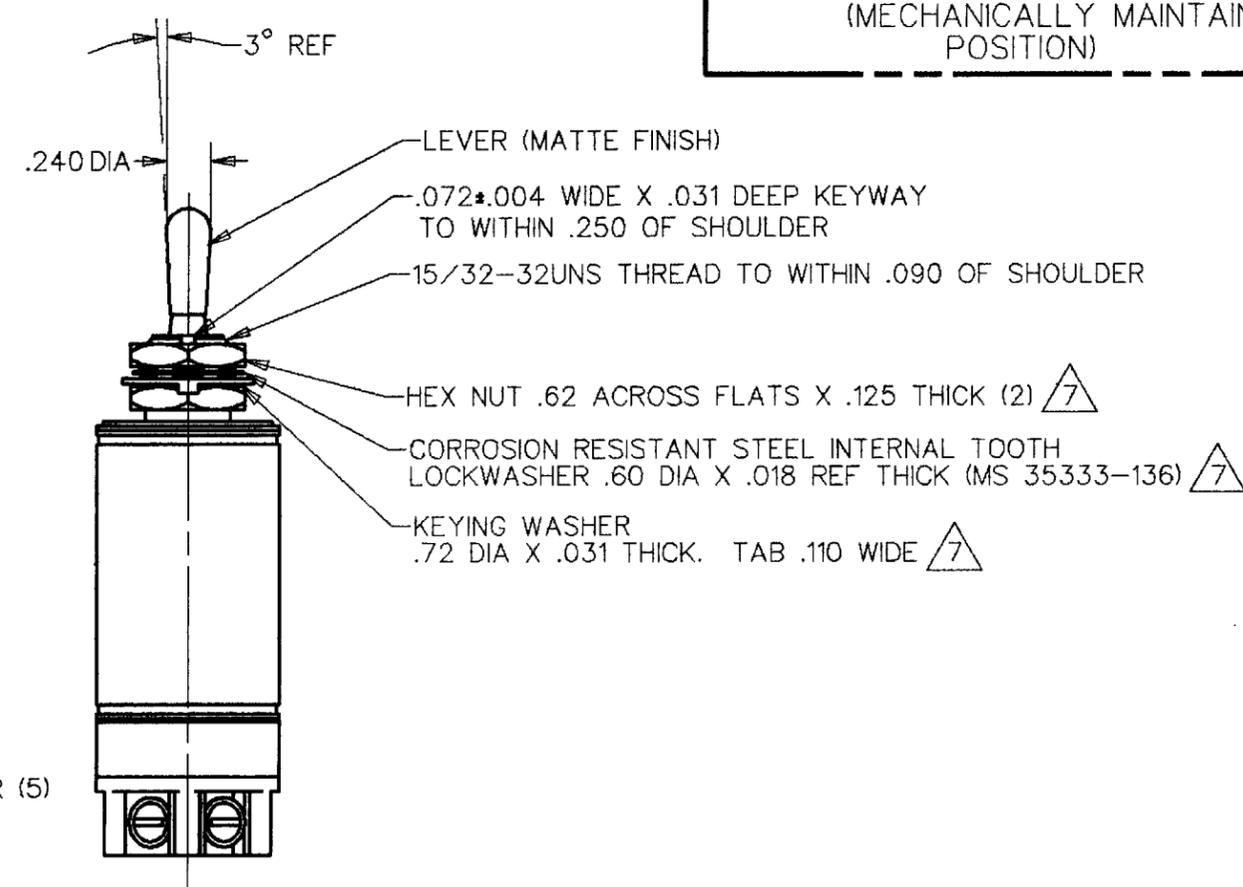
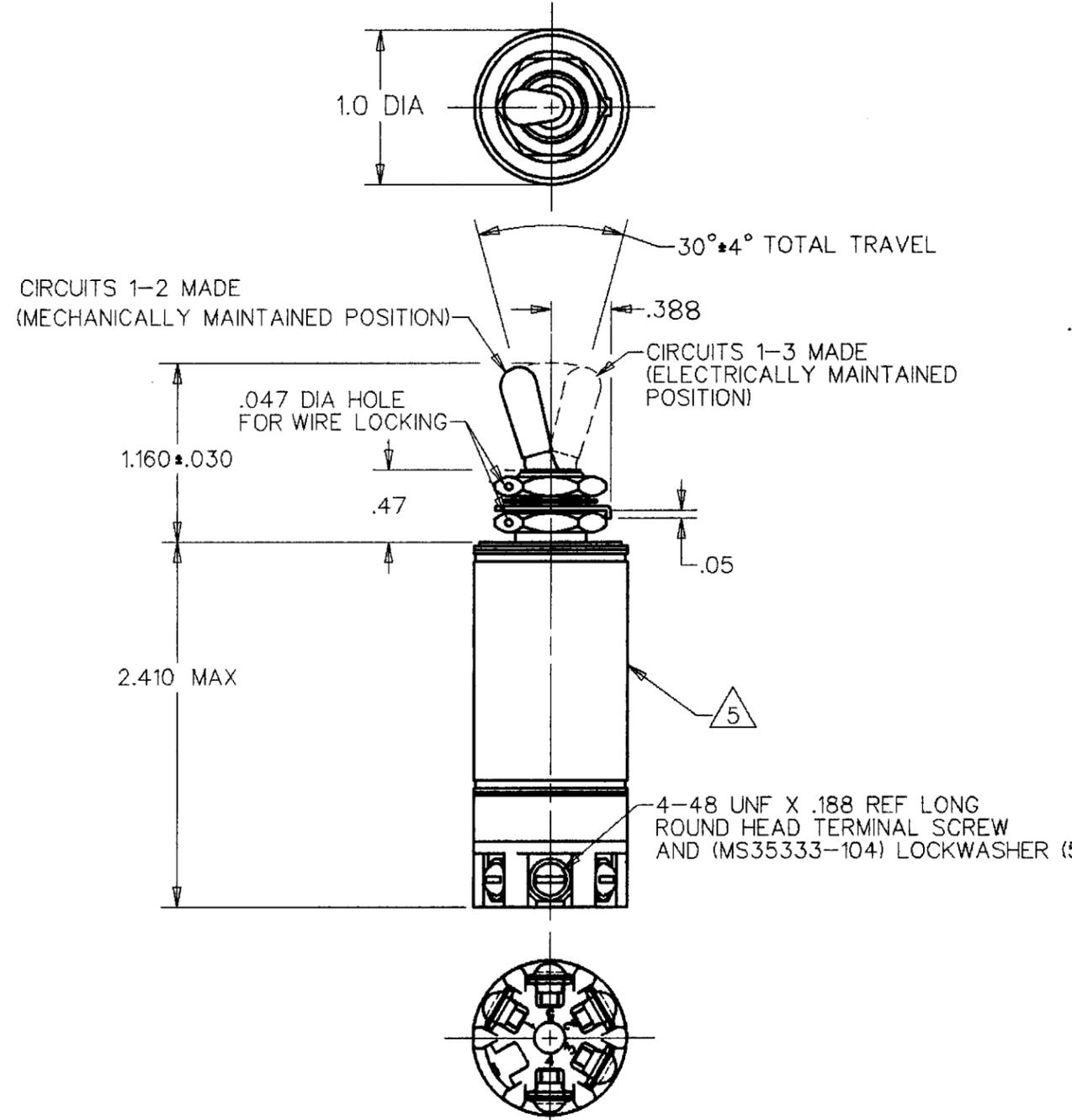
MICRO SWITCH
 FREEPORT, ILLINOIS, U. S. A.
 A DIVISION OF HONEYWELL
 FED. MFG. CODE 91929

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

CATALOG LISTING
25ET24-S



25ET24-S
 REPLACES
 RELEASE NO. PR-4653
M
 DRAWING NUMBER
8
 ISSUE
 REVISIONS
 A CO 61410
 D J S 5 OCT 87
 CHECK GUA 7 DEC 87
 DRAWN D J S 5 OCT 87



- 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

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

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|--------------------------|-------------|--------------------------------|---------------------|
| CHARACTERISTICS | | ELECTRICAL DATA | |
| SOLENOID RATING AT 20° C | | CONTACT ARRANGEMENT S P D T | |
| STEADY STATE LIMITS | 20-29 VDC | RATINGS IN AMPHERES | |
| HOLD IN | 15 VDC | VOLTAGE | SEA LEVEL 65,000 FT |
| DROP OUT | 5-9 VDC | 28 VOLTS DC | |
| COIL RESISTANCE | 220 OHM MIN | | |
| OPERATING FORCE | 7 LBS MAX | | |
| OVERRIDE FORCE AT 29 VDC | 10 LBS MAX | | |

| | | | | | | | |
|--------|-----|-----|-------|--------|-----|-----|-------|
| INRUSH | RES | IND | MOTOR | INRUSH | RES | IND | MOTOR |
| 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 (1.0) ±.030
 TWO PLACES (1.00) ±.015
 THREE PLACES (1.000) ±.005
 ANGLES ±
 RAW MATERIAL-COMMERCIAL STANDARD
 THIRD ANGLE PROJECTION
 WEIGHT 4.0 OZ MAX