

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

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

CATALOG LISTING
27ET1-T2-P

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REPLACES

PR - 2899

DRAWING
NUMBER
10

REVISIONS
A NEW DWG
PR-2899
17 OCT 72
B C032637
D B W
6 NOV 73
C C0162
WJM
5 OCT 81
D C0-53400
KAG
15 JUL 83
E C053825
JAP
14 SEPT 83
F C054089
JAP
8 DEC 83
G C055800
TSK
31 AUG 84
H C0018947
LKM
22 FEB 06

DRAWN
D B W 17 OCT 72
DRAWN
D B D

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CHARACTERISTICS

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

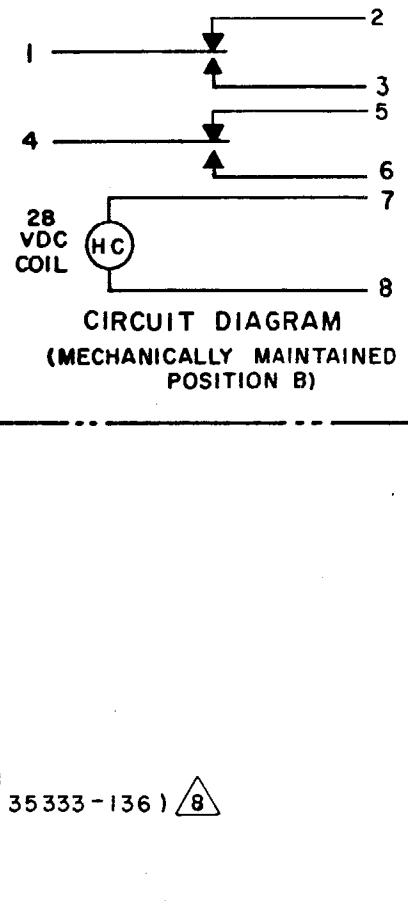
OPERATING FORCE — — — 7 LBS MAX

OVERRIDE FORCE AT 29 VDC — — 10 LBS MAX

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T(2)

VOLTAGE	RATING IN AMPERES		SCALE FULL	
	SEA LEVEL	65,000 FT	DO NOT SCALE PRINT	
28 VOLTS DC	INRUSH RES IND MOTOR	INRUSH RES IND MOTOR	UNLESS OTHERWISE NOTED	DIMENSIONS ARE IN INCHES
	7 2	5 1.5		TOLERANCES ARE:
				ONE PLACE (.0) ± .030
				TWO PLACE (.00) ± .015
				THREE PLACE (.000) ± .005
				ANGLES ±
				WEIGHT 6.0 OZ MAX



**CIRCUIT DIAGRAM
(MECHANICALLY MAINTAINED
POSITION B)**

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 - CONTACT TRANSFER AS LEVER PASSES OVER UPPER FLAT PORTION OF LOCK-OUT PROTRUSION
- 4 - 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 CIRCUITS 1-2 AND 4-6 CAN BE BROKEN MANUALLY
- 5 - ENERGIZING SOLENOID WILL NOT BREAK CIRCUITS 1-2 AND 4-5
- 6 - CIRCUIT IDENTIFICATION IS SHOWN ON SWITCH
- 7 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594
- 8 -