

REPLACES

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CATALOG
LISTING

M
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RELEASE NO. PR-14042

ISSUE

5

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REVISIONS

A 205955

C S L

10 JUL 02

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SAV 10 JUL 02

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PTC/CAD

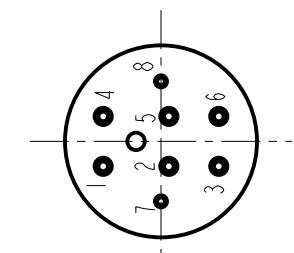
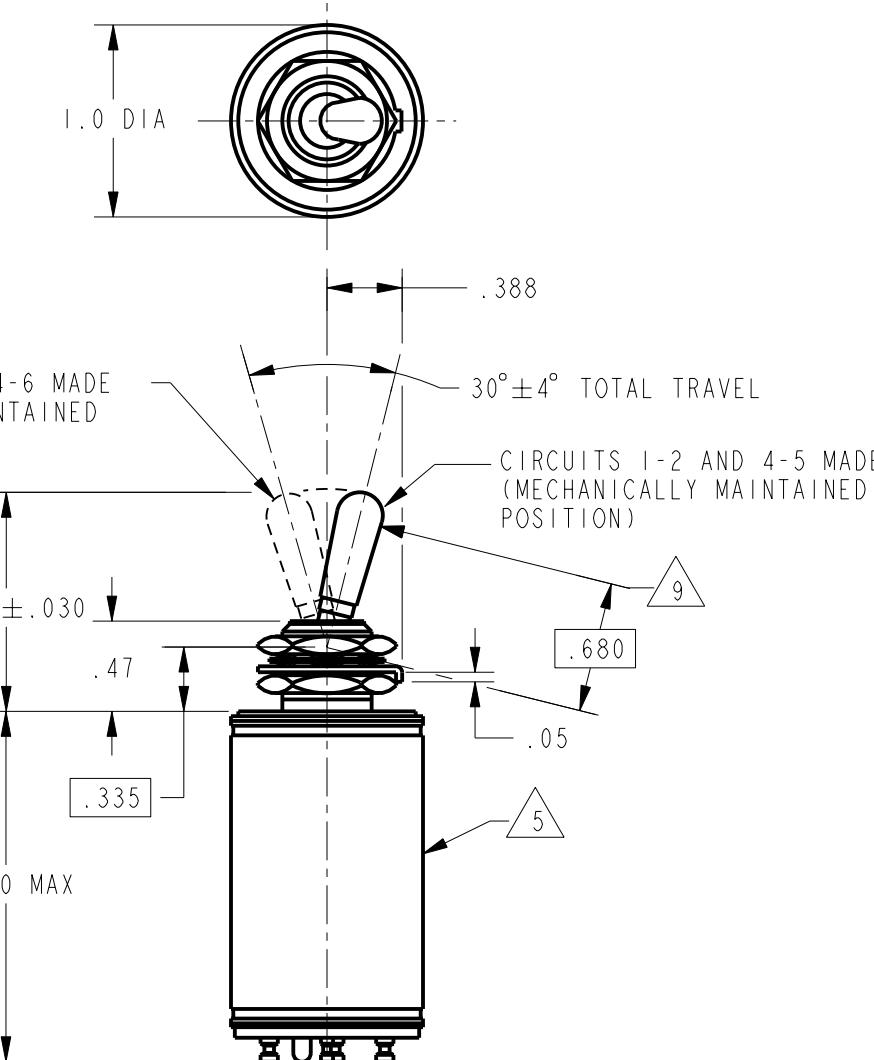
DRAWN

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ANSI Y14.5M-1982 APPLIES



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CHARACTERISTICS

SOLENOID RATING AT 20°C
STEADY STATE LIMITS ----- 20-30 VDC
HOLD IN ----- 10 VDC
DROP OUT ----- 1.5-10 VDC
OVERRIDE FORCE AT 29 VDC ----- 10 LB MAX
OPERATING FORCE ----- 7 LBS MAX
COIL RESISTANCE ----- 220 OHM MIN

ELECTRICAL DATA

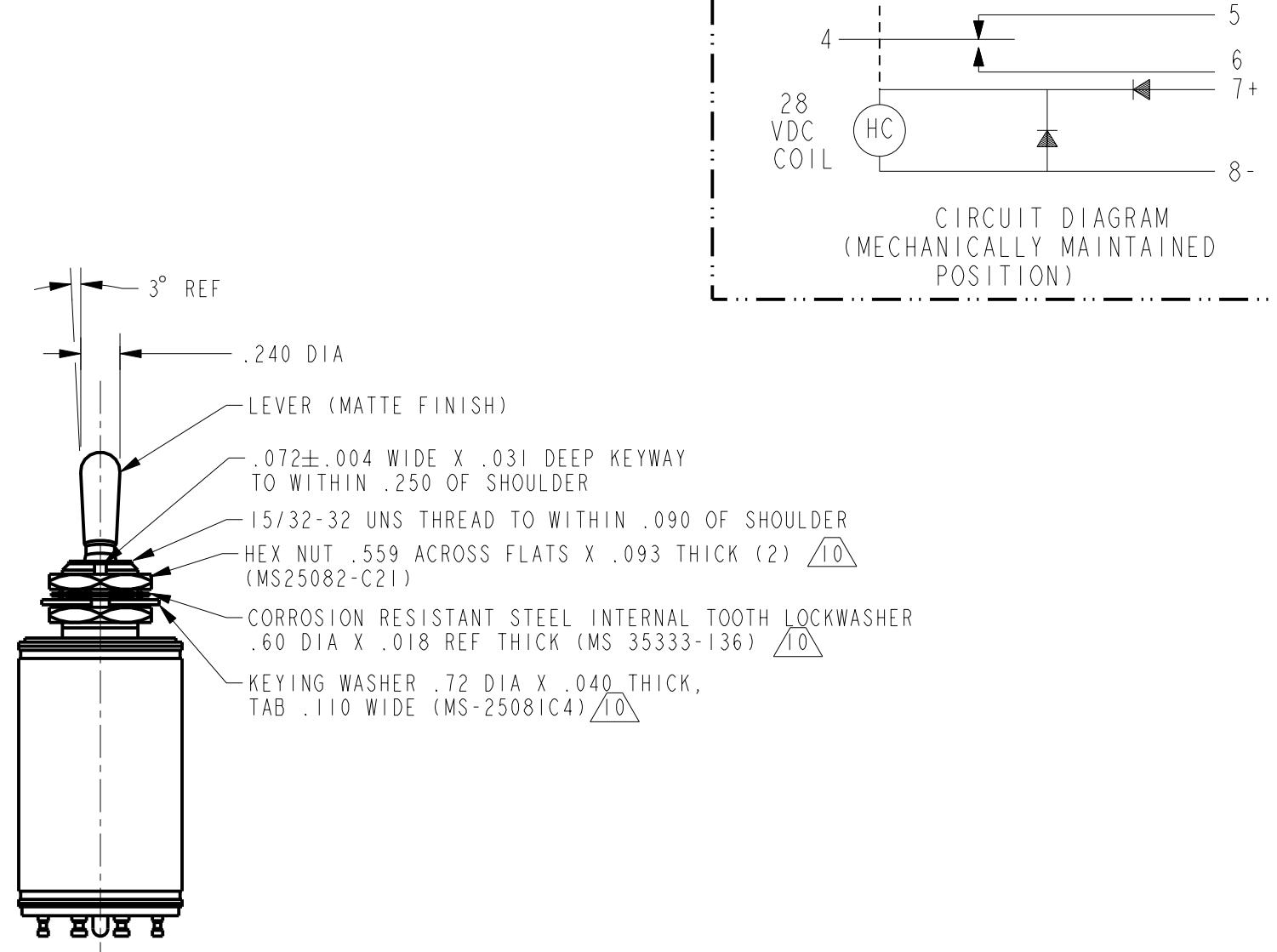
CONTACT ARRANGEMENT
S P D T (2)

VOLTAGE	RATINGS IN AMPHERES		
	SEA LEVEL	65,000 FT	
28 VOLTS DC	INRUSH RES IND MOTOR	4 2.5 4	INRUSH RES IND MOTOR
		4 2.0 4	

THIRD ANGLE PROJECTION

SCALE	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) ± .030
TWO PLACE	(.00) ± .015
THREE PLACE	(.000) ± .005
ANGLES	±
WEIGHT	7

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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 - SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
- 7 - WEIGHT OF SWITCH ONLY IS 4.0 OZ MAX
- 8 - THE DIODES ARE JANTXV TYPE AND LIMIT THE EMI SPIKES (TRANSIENTS OF DURATION LESS THAN 500 MICROSECONDS) GENERATED BY THE SWITCH COIL SHALL NOT EXCEED +42 VOLTS OR -40 VOLTS ABSOLUTE FORCE TO BE APPLIED AT THIS POINT IN A DIRECTION PERPENDICULAR TO THE LEVER LONGITUDINAL AXIS
- 9 - HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL-S-5594