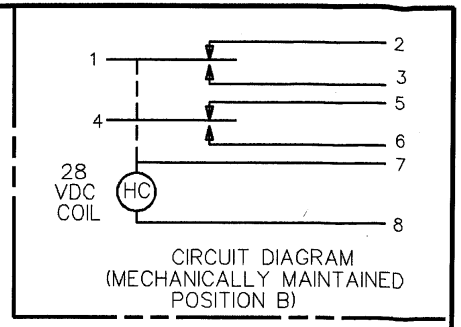
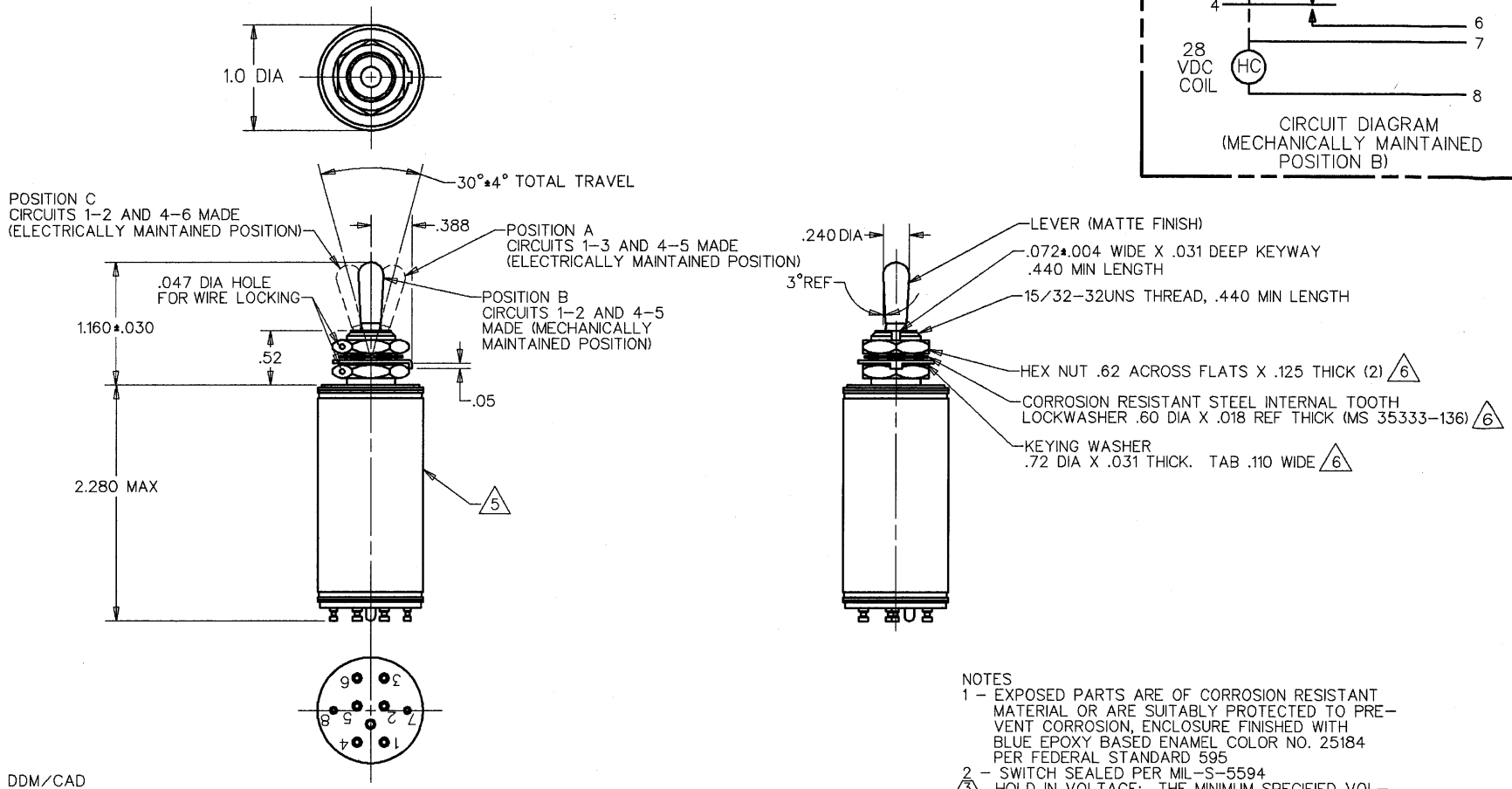
MICRO SWITCH
FREEPORT, ILLINOIS. U. S. A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH – TOGGLE (MAGNETIC HOLD–IN)

CATALOG LISTING
27ET62–T





DDM/CAD

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 HARDWARE MAY BE FURNISHED UNASSEMBLED PER MIL–S–5594

THIS DRAWING COVERS A PROPERIETARY 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 3

SOLENOID RATING AT 20° C

STEAD 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	RATINGS IN AMPHERES							
	SEA LEVEL				65,000 FT			
	INRUSH	RES	IND	MOTOR	INRUSH	RES	IND	MOTOR
28 VOLTS DC		7	2			5	1.5	

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

DRAWN	MAM	15 AUG 88	
CHECK	DJS	16 AUG 88	
CHECK			
CHECK			

REVISIONS
A PR–16663 MAM 15 AUG 88

ISSUE 2 | DRAWING NUMBER M | RELEASE NO. PR–16663 | REPLACES 27ET62–T