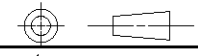


ELECTRICAL RATINGS:	LOAD			
	VOLTAGE	RESISTIVE	INDUCTIVE	MOTOR
	28 VDC 28 VDC	4A 4A	2A 2A	4A
-SEA LEVEL -50,000 FEET				
DIELECTRIC STRENGTH & INSULATION RES	DIELECTRIC STRENGTH (\approx 60 Hz FOR 5 SECONDS)		INSULATION RESISTANCE (500 VDC \times 10%)	
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500 μ A (MAX LEAKAGE)		1000 Megohm MIN	
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500 μ A (MAX LEAKAGE)		1000 Megohm MIN	
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500 μ A (MAX LEAKAGE)		1000 Megohm MIN	
SWITCH RESISTANCE	N/A			
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	NO Δ			
MECHANICAL CHARACTERISTICS:				
OPERATING FORCE	6-12 LBS			
FULL OVERTRAVEL FORCE	30 LB MAX			
RELEASE FORCE	4 LB MIN			
PRETRAVEL	.010 MIN - .040 MAX			
DIFFERENTIAL TRAVEL	.010 MAX			
OVERTRAVEL	.250 MIN			
MOUNTING STRENGTH	15 IN-LBS			
ACTUATING STRENGTH	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION			
LIFE:				
MECHENICAL LIFE	25,000 MIN PER MIL-S-8805/40 Δ			
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-S-8805/40 Δ			
ENVIRONMENTAL:				
TEMPERATURE RANGE	-55 C $^{\circ}$ TO +85 C $^{\circ}$			
ALTITUDE RANGE	SEA LEVEL TO 50,000 FT			
SHOCK	PER MIL-S-8805 SYMBOL M-100g			
VIBRATION	PER MIL-S-8805 SYMBOL 1- 10-500 Hz & 10g PEAK			
MOISTURE RESISTANCE	PER MIL-S-8805			
THERMAL SHOCK	PER MIL-S-8805			
SALT SPRAY	PER MIL-S-8805			

NOTES

- ① LIFE RATINGS ARE PER MIL-S-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- ② CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
- ③ CIRCUIT IDENTIFICATION PERMANENTLY MARKED ON SIDE OF HOUSING
- ④ CATALOG LISTING IEN301-I. MICRO IDENTIFICATION, CONTACT RATING AND CUSTOMER PART NO. ST7ID23-1 PERMANENTLY MARKED ON HOUSING
- ⑤ THIS SURFACE NEED NOT BE FREE OF WELD MARKS
- ⑥ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805
- ⑦ THREE CONDUCTOR CABLE, FLUORINATED ETHYLENE PROPYLENE JACKET, SHIELDED CONDUCTORS, LAMINATED POLYIMIDE FEP TEFLON TAPE, COLOR CODED. BLUE, RED, AND YELLOW PER MARTIN MARIETTA SPEC STM E637-22GS39

THIRD ANGLE PROJECTION



SCALE 2 : 1

DO NOT SCALE PRINT

SS OTHERWISE SPECIFY:

TOLERANCES ARE

ONE PLACE (.0) $\pm .030$

TWO PLACES (00) $\pm .015$

THREE PLACES (.000) ±

ANGLES

Mouser Electronics

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