

SPECIFICATION DETAILS:													
STANDARD:	CONFORMS TO MS27240-3 (MIL-S-8805/43), EXCEPT AS NOTED												
CONSTRUCTION:													
ENCLOSURE DESIGN	RESILIENT SEAL PER MIL-S-8805, SYMBOL 4												
CONTACT MATERIAL & CONFIGURATION	SMOOTH SILVER CONTACTS												
CIRCUIT CONFIGURATION	4 SPDT												
TERMINATION	LEADWIRES PER MIL-W-22759/7												
WEIGHT	.85 LB												
EXPOSED METALS	CORROSION RESISTANT STAINLESS STEEL												
O-RING MATERIAL	SILICONE												
ELECTRICAL CHARACTERISTICS:													
ELECTRICAL RATINGS	<table><tr><td><u>VOLTAGE</u></td><td><u>RESISTIVE</u></td><td><u>LOAD INDUCTIVE</u></td><td><u>MOTOR</u></td></tr><tr><td>28 VDC</td><td>7A</td><td>4A</td><td>4A</td></tr><tr><td>28 VDC</td><td>7A</td><td>2.5</td><td></td></tr></table>	<u>VOLTAGE</u>	<u>RESISTIVE</u>	<u>LOAD INDUCTIVE</u>	<u>MOTOR</u>	28 VDC	7A	4A	4A	28 VDC	7A	2.5	
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-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TEMRINALS OF MUTUALLY INSULATED CIRCUITS -BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE													
SWITCH RESISTANCE	$\frac{5}{\Delta}$												
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts	NO $\frac{3}{\Delta}$												
MECHANICAL CHARACTERISTICS:													
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COINCIDENCE OF OPERATING AND RELEASING POINTS	.010 OF PLUNGER TRAVEL												
OPERATING FORCE	6-12 LBS												
FULL OVERTRAVEL FORCE	30 LBS MAX												
RELEASE FORCE	4 LBS MIN												
PRETRAVEL	.040 MAX												
DIFFERENTIAL TRAVEL	.020 MAX												
OVERTRAVEL	.125 MIN												
MOUNTING STRENGTH	15 IN-LBS												
ACTUATOR STRENGTH	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION												
LIFE:													
MECHANICAL LIFE	25,000 MIN. PER MIL-S-8805/43 $\frac{4}{\Delta}$												
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN. PER MIL-S-8805/43 $\frac{4}{\Delta}$												
ENVIRONMENTAL:													
TEMPERATURE RANGE	-55°C TO +85°C												
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET												
SHOCK	PER MIL-S-8805 SYMBOL M - 100 g												
VIBRATION	PER MIL-S-8805 SYMBOL 2 - 10-2000 Hz. & 15 g peak												
MOISTURE RESISTANCE	PER MIL-S-8805 (10 DAY TEST)												
THERMAL SHOCK	PER MIL-S-8805 (5 CYCLE TEST)												
SALT SPRAY	PER MIL-S-8805 (96 HR TEST)												

NOTES

1 - CIRCUIT DIAGRAM, CATALOG LISTING, DATE CODE AND FED. MFG. CODE SHOWN ON NAMEPLATE


② HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

③ CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS

④ LIFE RATINGS ARE PER MIL-S-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA

⑤ SWITCH RESISTANCE EQUALS SWITCH CONTACT RESISTANCE PLUS WIRE LEAD LENGTH (OHMS/FT.). THE SWITCH CONTACT RESISTANCE SHALL NOT EXCEED 1% OF THE LOAD IMPEDANCE USING THE ELECTRICAL PARAMETERS OF THE ELECTRICAL ENDURANCE TEST LOAD. WIRE LEAD RESISTANCE EQUALS 9.19 OHMS/M FT. MAX AT +20°C

⑥ REPLACEMENT MOUNTING HARDWARE PACKET - 19PA9

THIRD ANGLE PROJECTION		
		
SCALE 2 : 1		
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.01)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±
WEIGHT		

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