


SPECIFICATION DETAILS:															
STANDARD:	CONFORMS TO MS21320-4 (MIL-PRF-8805/48) EXCEPT AS NOTED														
CONSTRUCTION:															
ENCLOSURE DESIGN	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4														
CONTACT MATERIAL & CONFIGURATION	SMOOTH SILVER CONTACTS														
CIRCUIT CONFIGURATION	SEE CIRCUIT DIAGRAM														
TERMINATION	SEE DRAWING														
WEIGHT	15.7 OZ MAX														
EXPOSED METALS	CORROSION RESISTANT STAINLESS STEEL $\triangle 1$														
O-RING MATERIAL	SILICONE														
ELECTRICAL CHARACTERISTICS:															
CONTACT ARRANGEMENT	2X S.P.D.T.														
ELECTRICAL RATINGS	<table><tr><th rowspan="2">VOLTAGE</th><th colspan="3">LOAD</th></tr><tr><th>RES</th><th>IND</th><th>MOTOR $\triangle 3$</th></tr><tr><td>28 VDC</td><td>10</td><td>3</td><td rowspan="2">6</td></tr><tr><td>50 VDC</td><td>10</td><td>3</td></tr></table>	VOLTAGE	LOAD			RES	IND	MOTOR $\triangle 3$	28 VDC	10	3	6	50 VDC	10	3
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-SEA LEVEL ----- -50,000 FEET-----															
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SWITCH RESISTANCE	N/A														
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	NO $\triangle 2$														
MECHANICAL CHARACTERISTICS:															
OPERATING TORQUE	12-25 IN-LBS														
FULL OVERTRAVEL TORQUE	40 IN-LBS MAX														
ACTUATOR STRENGTH	10 LBS APPLIES IN A DIRECTION TO CAUSE SWITCH ACTUATION														
RELEASE TORQUE	4 IN-LBS MIN														
FREE POSITION	SEE DETAIL														
DIFFERENTIAL TRAVEL	SEE DETAIL														
PRETRAVEL	SEE DETAIL														
OVERTRAVEL	SEE DETAIL														
MOUNTING STRENGTH	15 IN-LBS														
LIFE:															
MECHANICAL LIFE	25,000 MIN PER MIL-PRF-8805/48 $\triangle 3$														
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/48 $\triangle 3$														
ENVIRONMENTAL:															
TEMPERATURE RANGE	-55°C TO +85°C														
ALTITUDE RANGE	SEA LEVEL TO 50,000 FT														
SHOCK	PER MIL-PRF-8805 SYMBOL M-100g														
VIBRATION	PER MIL-PRF-8805 SYMBOL I - 10-500 Hz & 10g PEAK														
MOISTURE RESISTANCE	PER MIL-PRF-8805														
THERMAL SHOCK	PER MIL-PRF-8805														
SALT SPRAY	PER MIL-PRF-8805														

NOTES	
1	UNLESS OTHERWISE NOTED
2	CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
3	LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
4	DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
5	CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE SHOWN ON NAMEPLATE
6	HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805 .050 WIDE X .050 DEEP SLOT
7	Ø .037 HOLE FOR WIRE LOCKING
8	6X NO 18 LEAD WIRE PER MIL-W-22759/7, CLASS I MARKED WITH SWITCH
9	CIRCUIT IDENTIFICATION AND WIRE GAUGE (1-18, 2-18 ETC) PER MIL-W-50
10	DIE CAST ALUMINUM WITH CHROMATE COAT
11	CADMIUM PLATED
12	REPLACEMENT MOUNTING HARDWARE - PACKET 19PA209-EN
13	MOTOR LOAD, DC: THE DURATION OF THE INRUSH CURRENT SHALL BE NOT LESS THAN .05 SECOND. ONLY RESISTIVE COMPONENTS SHALL BE USED. SWITCHES SHALL MAKE 6 TIMES THE RATED LOAD, AND BREAK THE RATED LOAD.

THIRD ANGLE PROJECTION		
		
SCALE	2 : 1	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	+ .030
TWO PLACE	(.00)	+ .015
THREE PLACE	(.000)	+ .005
ANGLES		+
WEIGHT	15.7 OZ MAX	

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