



SPECIFICATION DETAILS:														
STANDARD:	CONFORMS TO MS21320-4 (MIL-PRF-8805/48) EXCEPT AS NOTED													
CONSTRUCTION:	RESILIENT SEAL PER MIL-PRF-8805, SYMBOL 4													
ENCLOSURE DESIGN:	SMOOTH SILVER CONTACTS													
CONTACT MATERIAL & CONFIGURATION:	SEE CIRCUIT DIAGRAM													
CIRCUIT CONFIGURATION:	SEE CIRCUIT DIAGRAM													
TERMINATION:	SEE DRAWING													
WEIGHT:	15.7 OZ MAX													
EXPOSED METALS:	CORROSION RESISTANT STAINLESS STEEL													
O-RING MATERIAL:	SILICONE													
ELECTRICAL CHARACTERISTICS:														
CONTACT ARRANGEMENT:	2X S.P.D.T.													
ELECTRICAL RATINGS:	<table border="1"> <thead> <tr> <th>VOLTAGE</th> <th>LOAD</th> </tr> <tr> <th>RES</th> <th>IND</th> <th>MOTOR</th> </tr> </thead> <tbody> <tr> <td>28 VDC</td> <td>10</td> <td>3</td> <td>6</td> </tr> <tr> <td>28 VDC</td> <td>10</td> <td>3</td> <td>3</td> </tr> </tbody> </table>	VOLTAGE	LOAD	RES	IND	MOTOR	28 VDC	10	3	6	28 VDC	10	3	3
VOLTAGE	LOAD													
RES	IND	MOTOR												
28 VDC	10	3	6											
28 VDC	10	3	3											
- SEA LEVEL														
- 50,000 FEET														
DIELECTRIC STRENGTH & INSULATION RES:	DIELECTRIC STRENGTH (500 VDC ±10%)													
- BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL	1000 V Rms, 500μ A (MAX LEAKAGE) 1000 Megohms MIN													
- BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS	1000 V Rms, 500μ A (MAX LEAKAGE) 1000 Megohms MIN													
- BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE	1000 V Rms, 500μ A (MAX LEAKAGE) 1000 Megohms MIN													
SWITCH RESISTANCE:	N/A													
RECOMMENDATION OR USE IN APPL LESS THAN .5 amps AND/OR 12 volts	NO													
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													
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN PER MIL-PRF-8805/48													
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													
HERMAL SHOCK	PER MIL-PRF-8805													
SALT SPRAY	PER MIL-PRF-8805													

NOTES:

- UNLESS OTHERWISE NOTED
- CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
- LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
- CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE SHOWN ON NAMEPLATE
- HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- .050 WIDE X .050 DEEP SLOT
- .037 HOLE FOR WIRE LOCKING
- 6X NO 18 LEAD WIRE PER MIL-W-22759/7, CLASS I MARKED WITH SWITCH CIRCUIT IDENTIFICATION AND WIRE GAUGE (1-18, 2-18 ETC) PER MIL-W-5088
- DIE CAST ALUMINUM WITH CHROMATE COAT
- CADMIUM PLATED
- REPLACEMENT MOUNTING HARDWARE - PACKET 19PA209-EN
- 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.

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