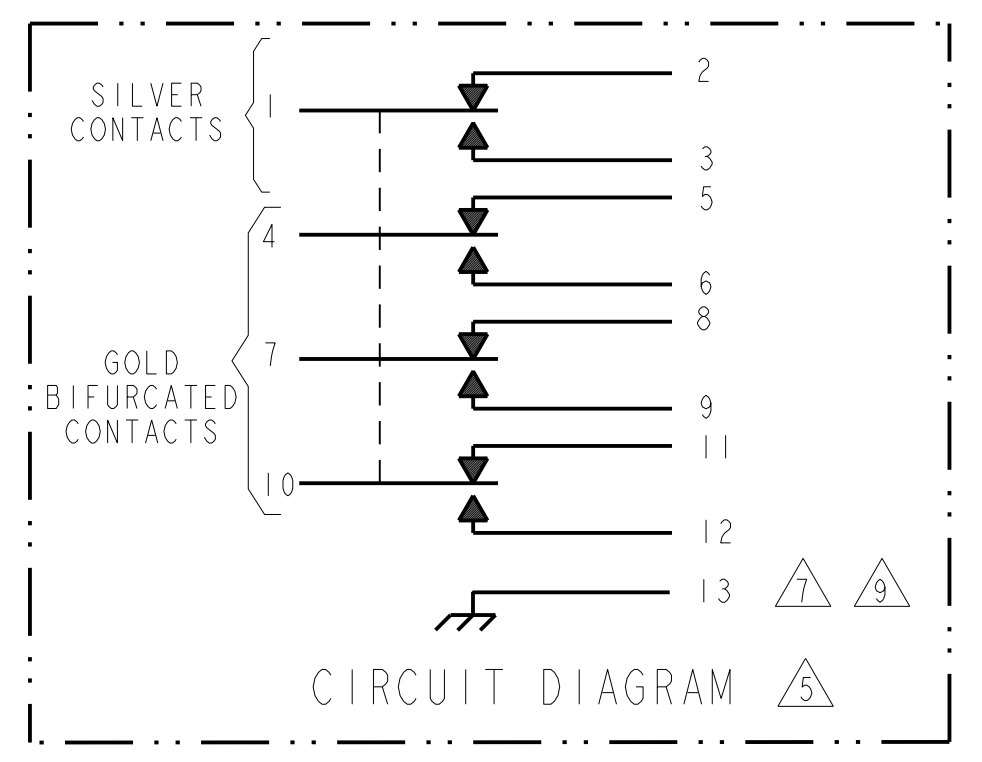


SPECIFICATION DETAILS:																					
STANDARD:	CONFORMS TO M8805/80-01 (MIL-PRF-8805/80), EXCEPT AS NOTED																				
CONSTRUCTION:																					
ENCLOSURE DESIGN	HERMETIC SEAL PER MIL-PRF-8805, SYMBOL 5																				
CONTACT MATERIAL & CONFIGURATION	SEE CIRCUIT DIAGRAM																				
CIRCUIT CONFIGURATION	4 SPDT																				
TERMINATION	LEADWIRES PER MIL-W-22759/16-20-9																				
WEIGHT	16.0 OZ MAX																				
EXPOSED METALS	CORROSION RESISTANT STEEL																				
ELECTRICAL CHARACTERISTICS:																					
ELECTRICAL RATINGS AT 28VDC	<table border="1"> <tr> <td></td> <td>LOAD</td> <td>SILVER CONTACTS</td> <td>GOLD CONTACTS</td> </tr> <tr> <td>RESISTIVE</td> <td>7.0 AMPS</td> <td>1.0 AMPS</td> <td></td> </tr> <tr> <td>INDUCTIVE</td> <td>4.0 AMPS</td> <td>0.5 AMPS</td> <td></td> </tr> <tr> <td>MOTOR</td> <td>4.0 AMPS</td> <td>N/A</td> <td></td> </tr> <tr> <td>LAMP</td> <td>2.0 AMPS</td> <td>0.2 AMPS</td> <td></td> </tr> </table>		LOAD	SILVER CONTACTS	GOLD CONTACTS	RESISTIVE	7.0 AMPS	1.0 AMPS		INDUCTIVE	4.0 AMPS	0.5 AMPS		MOTOR	4.0 AMPS	N/A		LAMP	2.0 AMPS	0.2 AMPS	
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SWITCH RESISTANCE	NOT TO EXCEED 1% OF APPLICATION LOAD IMPEDENCE OVER ELECTRICAL LIFE OF SWITCH																				
RECOMMENDATION FOR USE IN APPLICATIONS LESS THAN 1/2 amps AND/OR 12 volts	YES																				
MECHANICAL CHARACTERISTICS:																					
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MOUNTING STRENGTH	15 IN-LBS RECOMMENDED BY MIL-PRF-8805																				
ACTUATOR STRENGTH	30 LBS APPLIED IN A DIRECTION TO CAUSE SWITCH ACTUATION																				
LIFE:																					
MECHANICAL LIFE	100,000 MIN. PER MIL-PRF-8805/80																				
ELECTRICAL LIFE AT FULL RATED LOAD	25,000 MIN. PER MIL-PRF-8805/80																				
ENVIRONMENTAL:																					
TEMPERATURE RANGE	-55°C TO +125°C																				
ALTITUDE RANGE	SEA LEVEL TO 50,000 FEET																				
SHOCK	PER MIL-PRF-8805 SYMBOL M - 100 g																				
VIBRATION	PER MIL-PRF-8805 SYMBOL 2 - 10-2000 Hz. & 20 g PEAK																				
MOISTURE RESISTANCE	PER MIL-PRF-8805 PARA 3.19																				
THERMAL SHOCK	PER MIL-PRF-8805 PARA 3.15																				
SALT SPRAY	PER MIL-PRF-8805 PARA 3.21																				

NOTES:

- 1 - TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCKRING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION SECURE BY REPLACING ROLLER GUIDE LOCKRING
- 2 - CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE, AND DATE CODE PERMANENTLY MARKED ON SWITCH
- 3 - COINCIDENCE OF OPERATING AND RELEASING POINTS: 0.010 INCH OF PLUNGER TRAVEL
- 4 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- 5 - CIRCUIT 1-2-3 HAS SILVER CONTACT BASIC, CIRCUIT 4-5-6, 7-8-9 AND 10-11-12 HAVE GOLD BIFURCATED CONTACT BASICS
- 6 - CONTACT HONEYWELL-SENSING AND CONTROL IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
- 7 - LEAD NO. 13 IS GROUNDED(WELDED) TO THE HOUSING
- 8 - JAM NUT INSTALLATION TORQUE: 15-30 IN-LBS
- 9 - RESISTANCE BETWEEN HOUSING AND END OF GROUND WIRE WILL NOT EXCEED 85 MILLIOHMS.



DESIGN UNITS: INCH	DRAWN: BM	14 APR 05	Honeywell			
TOLERANCES UNLESS NOTED:	CHECK: -	-				
NO PLACE .X ± 0.400	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL.		TITLE: SWITCH-ENCLOSED			
ONE PLACE .X ± 0.030	THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.					
TWO PLACE .XX ± 0.015	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY.		SIZE: D	TYPE: I	DRAWING NAME: 424HE242-6	REV: A
THREE PLACE .XXX ± 0.005	Pro/ENGINEER		SCALE: 2:1	SHEET: 1	OF: 1	
FOUR PLACE .XXXX ± 0.0005						
ANGLES X ± 2						