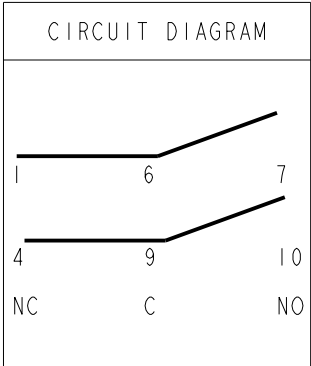


REV	DOCUMENT	CHANGED BY	CHECK
E	0037006	SS 29JAN08	BLR

SPECIFICATION DETAILS:			
STANDARD		CONFORMS TO MIL-PRF-8805E/23G EXCEPT AS NOTED <sup>7</sup>	
CONSTRUCTION:			
ENCLOSURE DESIGN		UNSEALED: PLUNGER & PANEL SEAL MEET LIQUID SPILL SEALING OF BOEING D6-52191, PARAGRAPH 11.5.4.1 <sup>7</sup>	
CONTACT MATERIAL & CONFIGURATION		SMOOTH GOLD AND GOLD ALLOY <sup>7</sup>	
CIRCUIT CONFIGURATION		2X S.P.D.T MOMENTARY	
TERMINATION		24 GAGE WIRES AND CONNECTOR <sup>7</sup>	
WEIGHT		2.5 OZ MAX	
EXPOSED METALS		CORROSION RESISTANT	
ELECTRICAL CHARACTERISTICS:			
CONTACT ARRANGEMENT			
ELECTRICAL RATINGS <sup>7</sup>			
		VOLTAGE	RESISTIVE      INDUCTIVE
-SEA LEVEL		28 VDC	1.0 A      0.5 A
-50,000 FEET		28 VDC	1.0 A      0.5 A
DIELECTRIC STRENGTH & INSULATION RES (BASIC SWITCH)		DIELECTRIC STRENGTH      INSULATION RESISTANCE (~ 60 Hz FOR 5 SECONDS)      (500 VDC ± 10%)	
-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL		1000 V rms, 500 µA (MAX LEAKAGE)      1000 MΩ MIN	
-BETWEEN TERMINALS OF MUTUALLY INSULATED CIRCUITS		1000 V rms, 500 µA (MAX LEAKAGE)      1000 MΩ MIN	
-BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE		1000 V rms, 500 µA (MAX LEAKAGE)      1000 MΩ MIN	
SWITCH RESISTANCE		N/A	
RECOMMENDATION OR USE IN APPL LESS THAN .5 A AND/OR 12 V		<sup>8</sup>	
MECHANICAL CHARACTERISTICS:			
MOUNTING STRENGTH		25 INCH-POUNDS	
ACTUATOR STRENGTH		25 POUNDS	
OPERATE FORCE		2-5 Lbs	
PRETRAVEL		(.040)	
TOTAL TRAVEL		(.100)	
LIFE:			
MECHANICAL LIFE		50,000 MIN	
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN	
ENVIRONMENTAL:			
TEMPERATURE RANGE		-55°C TO +85°C	
ALTITUDE RANGE		SEA LEVEL TO 50,000 FT	
SHOCK		100g PER MIL-STD-202G, METHOD 213, CONDITION 1	
VIBRATION		PER KORRY DOCUMENT 419025, REV XE, APPENDIX A <sup>6</sup>	
HUMIDITY		RTCA DO/160E, SECTION 6, CATEGORY A <sup>6</sup>	
THERMAL SHOCK		N/A	
SALT SPRAY		N/A	



- NOTES
- UNIT INCLUDES 2X "SM" TYPE BASIC SWITCH
  - SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY
  - CONNECTOR TERMINAL NUMBER 1
  - FOR PANEL SEAL TO BE EFFECTIVE, MOUNTING HOLE IN PANEL SHOULD NOT EXCEED Ø.500
  - HARDWARE FURNISHED ASSEMBLED WITH SWITCH OR IN PACKET PER MIL-PRF-8805
  - REPLACEMENT MOUNTING HARDWARE PACKET 15PA314-AT
  - DEVIATION FROM MIL-PRF-8805/23 REQUIREMENTS
  - CONTACT HONEYWELL-SENSING AND CONTROL IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATIONS
  - SWITCH MARKED WITH CATALOG LISTING, CAGE CODE, DATE CODE AND CUSTOMER PART NUMBER PER MIL-STD-130 FREE TEXT ONLY
  - 3X CABLE CLAMPS ASSEMBLED TO WIRE LEADS WITH APPROXIMATELY EQUAL SPACING BETWEEN SWITCH AND CONNECTOR.
  - PLUNGER COLOR BLACK PER DU PONT BK-602

DESIGN UNITS: INCH			
TOLERANCES UNLESS NOTED:			
NO PLACES	X	±	0.400
ONE PLACE	.X	±	0.030
TWO PLACE	.XX	±	0.015
THREE PLACE	.XXX	±	0.005
ANGLES	X	±	3°
THIRD ANGLE PROJECTION			

DRAWN	BNA	19SEP06
CHECK	DVM	19SEP06
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INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY		
Pro/ENGINEER 3D		

<b>Honeywell</b>			
TITLE			
ASSEMBLY, PUSHBUTTON SWITCH			
SIZE	TYPE	DRAWING NAME	REV
B	I	2PB642	E
SCALE	2:1	SHEET	1 OF 1