



- NOTES
- 1 PERMANENTLY MARKED WITH CIRCUIT DIAGRAM,CATALOG LISTING, DATE CODE,CUSTOMER PART #, AND FED. MFG. CODE LOCATED IN CUSTOMER DEFINED AREA
 - 2 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-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-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
 - 5 PROTECTIVE BAND INSTALLED AND SHIPPED WITH PRODUCT
 - 6 #63 FINISH LOCATED IN CUSTOMER DEFINED AREA

REV	DOCUMENT	CHANGED BY	CHECK
6	206957	GLH 10DEC02	SAV

SPECIFICATION DETAILS:			
STANDARD:		CONFORMS TO MS27240-5 (MIL-PRF-8805/43), EXCEPT AS NOTED	
CONSTRUCTION:			
ENCLOSURE DESIGN		RESILIENT SEAL PER (MIL-PRF-8805/43) SYMBOL 4	
CONTACT MATERIAL & CONFIGURATION		SMOOTH GOLD CONTACTS	
CIRCUIT CONFIGURATION		S P D T	
TERMINATION		MIL-W-22759/34	
WEIGHT			
EXPOSED METALS		CORROSION RESISTANT STAINLESS STEEL	
ELECTRICAL CHARACTERISTICS:			
ELECTRICAL RATINGS		VOLTAGE	RESISTIVE LOAD INDUCTIVE
-SEA LEVEL		28 VDC	1A .5A
-50,000 FEET		28 VDC	1A .5A
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, 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		3	
MECHANICAL CHARACTERISTICS:			
COINCIDENCE OF OPERATING AND RELEASING POINTS			
OPERATING FORCE		6-12 LBS	
FULL OVERTRAVEL FORCE		30 LB MAX	
RELEASE FORCE		4 LB 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-PRF-8805/43 4	
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN PER MIL-PRF-8805/43 4	
ENVIRONMENTAL:			
TEMPERATURE RANGE			
OPERATIONAL:		-55° C TO +85° C	
STORAGE:		-55°C TO +132°C	
ALTITUDE RANGE		SEA LEVEL TO 50,000 FT	
SHOCK		PER MIL-PRF-8805 SYMBOL M-100g	
VIBRATION		PER MIL-PRF-8805 SYMBOL 2-10-2000 Hz & 15g PEAK	
MOISTURE RESISTANCE		PER MIL-PRF-8805 (10 DAY TEST)	
THERMAL SHOCK		PER MIL-PRF-8805 (5 CYCLE TEST)	
SALT SPRAY		PER MIL-PRF-8805 (96 HOUR TEST)	

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		<input checked="" type="checkbox"/> US (inch) CUSTOMARY	<input type="checkbox"/> SI (mm) METRIC	DRAWN	GJW	12JUN02	Honeywell	
NO PLACE	X	±.040	±1	CHECK	SAV	12JUN02		
ONE PLACE	.X	±.030	±0.4	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE	
TWO PLACE	.XX	±.015	±0.15				SWITCH, ENCLOSED	
THREE PLACE	.XXX	±.005	±				SIZE	DWG TYPE
ANGLES		±	±	DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			DRAWING NAME	REV
THIRD ANGLE PROJECTION				2D PTC			C	I
				ASME Y14.5M-1994			602EN180-2B	6
							SCALE FULL	WEIGHT
							SHEET	1 OF 1

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