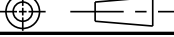


NOTES

- ① RATING APPLIES TO CIRCUIT 1-2-3
- ② RATING APPLIES TO CIRCUIT 4-5-6
- ③ REPLACEMENT MOUNTING HARDWARE - PACKET 19PA8
- ④ - PLUNGER SEAL MATERIAL - FLUOROSILICONE
- ⑤ SWITCH RESISTANCE = SWITCH CONTACT RESISTANCE AND INTERCONNECT LEADS AND CONNECTOR PINS. SWITCH CONTACT RESISTANCE SHALL NOT EXCEED .025 Ω INITIALLY AND .040 Ω AFTER MECHANICAL ENDURANCE TEST. AFTER ELECTRICAL ENDURANCE, THE SWITCH CONTACT RESISTANCE SHALL NOT EXCEED 1% OF THE LOAD IMPEDANCE USING THE ELECTRICAL PARAMETERS OF THE ELECTRICAL ENDURANCE LOAD. LEAD-WIRE AND CONNECTOR RESISTANCE = .050 Ω MAX
- ⑥ LIFE RATINGS ARE PER MIL-PRF-8805 REQUIREMENTS. ACTUAL LIFE EXCEEDS RATED LIFE. CONTACT HONEYWELL-MICRO SWITCH FOR ADDITIONAL DATA
- ⑦ - CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE PERMANENTLY MARKED ON SIDE OF HOUSING
- ⑧ HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- ⑨ CONTACT HONEYWELL-MICRO SWITCH IF ADDITIONAL INFORMATION ON LOW ENERGY LOADS IS REQUIRED OR FOR HELP WITH SPECIFIC APPLICATION

		<div>M</div>		1EN329-R																															
SPECIFICATION DETAILS:																																			
STANDARD:		CONFORMS TO MS24331-1 (MIL-PRF-8805/40), EXCEPT AS NOTED																																	
CONSTRUCTION:																																			
ENCLOSURE DESIGN		WATERTIGHT SEAL PER MIL-PRF-8805, SYMBOL 3																																	
CONTACT MATERIAL & CONFIGURATION		SMOOTH SILVER CONTACTS & SMOOTH GOLD CONTACT																																	
CIRCUIT CONFIGURATION		2 SPDT																																	
TERMINATION		CONNECTOR PER MS27471Y9E35PN																																	
WEIGHT		.46 LB MAX																																	
EXPOSED METALS		CORROSION RESISTANT STAINLESS STEEL																																	
ELECTRICAL CHARACTERISTICS:																																			
ELECTRICAL RATINGS		<table><tr><td>VOLTAGE</td><td colspan="2">RESISTIVE</td><td colspan="2">LOAD INDUCTIVE</td><td>MOTOR</td></tr><tr><td></td><td><div>2</div></td><td><div>1</div></td><td><div>2</div></td><td><div>1</div></td><td><div>2</div></td></tr><tr><td>-SEA LEVEL</td><td>28 VDC</td><td>4</td><td>1</td><td>2</td><td>.5</td></tr><tr><td>-50,000 FEET</td><td>28 VDC</td><td>4</td><td>1</td><td>2</td><td>.5</td></tr></table>				VOLTAGE	RESISTIVE		LOAD INDUCTIVE		MOTOR		<div>2</div>	<div>1</div>	<div>2</div>	<div>1</div>	<div>2</div>	-SEA LEVEL	28 VDC	4	1	2	.5	-50,000 FEET	28 VDC	4	1	2	.5						
VOLTAGE	RESISTIVE		LOAD INDUCTIVE		MOTOR																														
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DIELECTRIC STRENGTH & INSULATION RESISTANCE		<table><tr><td colspan="3">DIELECTRIC STRENGTH</td><td colspan="3">INSULATION RESISTANCE</td></tr><tr><td colspan="3">\approx 60 Hz. FOR 5 SECONDS) (MAX LEAKAGE)</td><td colspan="3">(500 VDC \pm10%)</td></tr><tr><td colspan="3">1000 V Rms, 500μ. A</td><td colspan="3">1000 Megohms MIN</td></tr><tr><td colspan="3">1000 V Rms, 500μ. A</td><td colspan="3">1000 Megohms MIN</td></tr><tr><td colspan="3">1000 V Rms, 500μ. A</td><td colspan="3">1000 Megohms MIN</td></tr></table>				DIELECTRIC STRENGTH			INSULATION RESISTANCE			\approx 60 Hz. FOR 5 SECONDS) (MAX LEAKAGE)			(500 VDC \pm 10%)			1000 V Rms, 500 μ . A			1000 Megohms MIN			1000 V Rms, 500 μ . A			1000 Megohms MIN			1000 V Rms, 500 μ . A			1000 Megohms MIN		
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-BETWEEN TERMINALS AND EXPOSED NON-CURRENT CARRYING METAL -BETWEEN TEMRINALS OF MUTUALLY INSULATED CIRCUITS -BETWEEN ALL UNCONNECTED TERMINALS OF THE SAME POLE																																			
SWITCH RESISTANCE		CIRCUIT 1-3 <div>5</div> ; CIRCUIT 4-6 N/A																																	
RECOMMENDATION OR USE IN APPLICATIONS LESS THAN .5 amps AND/OR 12 volts		NO <div>9</div> CIRCUIT 4-6 YES <div>9</div> CIRCUIT 1-3																																	
MECHANICAL CHARACTERISTICS:																																			
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OPERATING FORCE		6-12 LBS																																	
FULL OVERTRAVEL FORCE		30 LB MAX																																	
RELEASE FORCE		4 LB MIN																																	
PRETRAVEL		.040 MAX																																	
DIFFERENTIAL TRAVEL		.020 MAX																																	
OVERTRAVEL		.250 MIN																																	
COINDICENCE OF OPERATING & RELEASE POINTS		.010 OF PLUNGER TRAVEL																																	
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-8805/40 <div>6</div>																																	
ELECTRICAL LIFE AT FULL RATED LOAD		25,000 MIN. PER MIL-PRF-8805/40 <div>6</div>																																	
ENVIRONMENTAL:																																			
TEMPERATURE RANGE		-55 C TO +85 C																																	
ALTITUDE RANGE		SEA LEVEL TO 50,000 FEET																																	
SHOCK		PER MIL-PRF-8805 SYMBOL M - 100 g																																	
VIBRATION		PER MIL-PRF-8805 SYMBOL I- 10-500 Hz.& 10 g 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)																																	

THIRD ANGLE PROJECTION	
	
SCALE	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE	(.0) ± .030
TWO PLACES	(.00) ± .015
THREE PLACES	(.000) ± .005
ANGLES	±
WEIGHT	

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FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING

1EN329-R

ANSI Y14.5M-1982 APPLIES

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