N	MODEL	ROTARY SWITCH SPECIFICATION	SPEC NO:		
S	R25-S	ROTART SWITCH STEERINGS	DATE: PAGE:	2016.04.14 1 OF 1	
1. General specification					
1.1 Operating temperature range -20 ~ +70 °C (normal humidity normal press). 1.2 Storage temperature range -25 ~ +75 °C (normal humidity normal press). 1.3 Test conditions 1.3.1 Ambient temperature 5°C ~ 30°C					
	1.2 Storage temperature range -25 ~ +75 °C (normal humidity normal press).				
	1.3 Test condit	ons 1.3.1 Ambient temperature $5^{\circ}\text{C} \sim 30^{\circ}\text{C}$			
	1.3.2 Relative humidity 25% to 85%				
	1.3.3 Air pressure86 Kpa~106 Kpa				
	1.4 Appearance. Structure and Dimension				
	1.4.1 Appearance There should be no defects that affect the serviceability of product				
1.4.2 Structure and Dimension Style and dimension: Shall conform to the assemble drawings					
1.5 Switch Rating: AC 125 V 0.3 A					
2. Mechanical characteristics					
Item		Test Condition	Requirements		
	Rotation Ang	le Axis fixed in the regulations on the point of view, the starting position of a band aimed at	Angle		
2.1		zero-scale rotation	30° ± 3° mm		
	Operation tor	que Fixed product, fastening with a torque meter on the shaft counter-clockwise in the end. The	Power		
2.2		pointer to zero, in clockwise rotation in the end	$1.0 \pm 0.5 \text{ kgf.}$	cm	
2.3	Stop strengt	Fixed product with a torque meter shaft rotation force applied 8 kgf for 15 s	Without excessive play or poor contact		
2.3					
2.4	Staking of term	nals Terminal end in all directions without the force applied 400 g	1 minute terminal no loss, no base damage		
<u> </u>	D 11			1.1.6	
2.5	Bushing nu		No-slip sleeve silk thre	ead, deformation	
2.5	tighting stren	uii l			
	Switch type		1 pole 3 position	on shorting	
2.6	Switch type		pole 5 positiv	on shorting	
3 F	lectrical charact	ristics			
J. L	Contact Resista		or less		
3.1	Contact Resistance Rating. DC 3V Current. 1 A $30 \text{m}\Omega$				
	Insulation	Measurements shall be made following application of DC 500 V potential across terminals	or more		
3.2			$100M\Omega$		
	Dielectric strength AC 500 V (50~60Hz) shall be applied across terminals and across terminals and frame for There shall			kdown.	
3.3	one minute.				
4. Environmental resistance. Resistance to low stored on -20 ± 2 °C after 96 hours in the refrigerator, in the standard atmosphere for 1 hour. Should meet the requirements of 3.1 > 3.2 and					
4.1	temperature		our, Should meet the requirements of 3.1 \cdot 3.2 and 3.3.		
4.1	temperature	uich measured in 1 nour	[3.5.		
	Dry heat On 85 ± 2 °C storage temperature tank after 96 hours, in the standard atmosphere for 1 hour,		Should meet the requirements of 3.1 \cdot 3.2 and		
4.2			3.3.		
	Constant hot and Placed in the temperature of the primary is 40 ± 2 °C, relative humidity of 90-95% of the		Contact resistance in the following $200 \text{m}\Omega$		
1 I		environment, 96 hours and then placed in a standard atmosphere for 1 hour, 1 hour for the			
		next measurement	Insulation resistance of 10 megohms the		
4.3			following Dielectric breakdown and should be no arc		
			flash phenomena	and should be no are	
			phonomenu		
5. Endurance.					
	Life test With	out Increase the load life test, rotation speed of 30 beats / min (back and forth 1 back 1 count),	The following 200 mil	lliohms contact	
5.1			resistance		
6. Soldering conditions.					
	Hand solderi		There shall not be deforming in appearance.		
6.1		(1) Soldering temperature: 350°C Max			
0.1		(2) Continuous soldering time: 3 s Max	Should meet the requi	rements of 3.1.	
		(3) Capacity of soldering iron: 20 w Max			
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