

Series : Vertical Slide Switch

Part number : SK-23D07

DATA SHEET

MESSERS :

Date : 2012-6-13

MODEL NO : SK-23D07

Rating	DC50V 0.3A	Temperature range	-10℃—+ 60℃
The way of access	2P3T	Time behavior	NON-SHORTNG

function & specifications :

Item		Test condition & Precision	specifications
一、Electrical :			
1	Contact Resistance	Testing under 1000Hz Small current (100MA)	Under 30mΩ
2	insulation resistance	Put 500V DC power in 1min, testing according to the following Contact method (1) between each pin (2) between pin and shell	More than 100MΩ
3	Withstand Voltage	Put AC 500V(50-60Hz) power in 1min Sensitivity of current is 0.5MA. testing according to the following Contact method: (1) between each pin (2) between pin and shell	No insulation, no damage and any other exceptional situation
二、Mechanical :			
1	Power	Measure by dynamometer which measuring range is 1000gf±5gf	250±80gf

2	Terminal Strength	Put a 500g Static load on the top the terminal same direction, one min	terminal didn't break or fall off 、 Terminal base board without rupture. Meet various electrical properties
3	Strength of the handle	Put a 1KG Static load on the handle of operation direction for 1 min	No serious deformation of the handle can work fine

三、Durability :

1	Life time Testing	Under the condition of no load, At a speed of 15 to 18 times per minute reciprocating for 10000 circle times	Contact Resistance : Under 100mΩ insulation resistance : More than 50MΩ Withstand Voltage : AC500V. 1min no damage Power : Initial value range $\pm 30\%$ 。
2	Moisture-resistant	Put it in $40 \pm 2^{\circ}\text{C}$, relative humidity 90%-95%, after 48hours ,then put it in normal temperature for 1hour	Contact Resistance : Under 50mΩ insulation resistance : More than 250MΩ Withstand Voltage : AC500V. 1min no damage Power : specification value $\pm 30\%$ Meet various appearance, mechanical capacity

四、Welding property :

1	weld ability	Put the tip of the terminal immersion into the tin pool, Depth 2 m , temperature $250 \pm 5^{\circ}\text{C}$, Time 1-3 s	Welding area is more than 75%
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五、Appearance :

1	hardware	Testing the outside surface by using visual method and comparison method	No obvious chromatic aberration No damage
2	plastic component	Testing the outside surface by using visual method and comparison method	No obvious chromatic aberration No damage

