

MS4 Fall-Protective Switch Series

◆ Characteristics and usage.

▲ Working Principle:

As the main body is standing, Fall-protective switch's sphere with its gravity is on the lever of switch, so that Micro switch can work with load.

When the main body is inclining, Fall-protective switch's sphere with its gravity will off the lever of switch and Micro switch can't work without load.

▲ Nice appearance, tight configuration, characteristic, quick action and high sensitivity.

▲ Long life, high reliability.

▲ Variety of contact terminals.

▲ Apply to Electric Warmer, Electrical fan home appliance, Electronic equipment.

◆ Specification

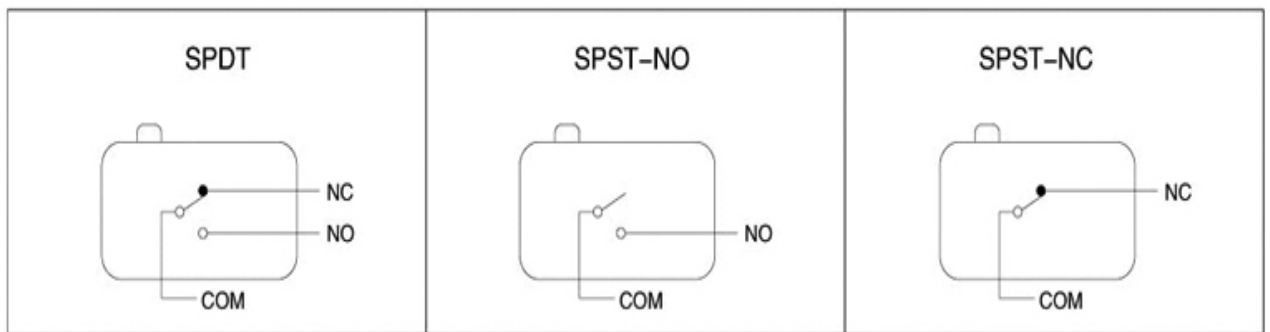
Item		Value
Fall-Protect		Action Angle:30-50°;Reset Angle:>15°;The Error of Action Angle:±5°
Operating Frequency		Mechanical 60 cycles/min;Electrical 6 cycles/min
Insulation Resistance		100 MΩ (500VDC)
Contact Resistance		Gold-plated
		Below 15 mΩ
Test Voltage		No Gold-plated
		30-40 mΩ
Test Voltage	Between terminals of the same polarity	AC1000V,50/60Hz,1min
	Between current-carrying metal And ground(case),and between Each terminal and non-carrying metal parts	AC2000V,50/60Hz,1min
Vibration resistance		10-55Hz,1.5mm Double amplitude
Shock Resistance		Let switch fall freely from 200mm high into the cement floor or Armor plate horizontal. One time,one side(Up,down,left,right,front,back)
Life Expectancy		Mechanical≥5000000 cycles Electrical≥10000 cycles
Degree of protection		IEC IP40
Degree of protection against electric shock		Class I
PTI (Tracking Resistance)		175
Ambient air temperature		125℃ 60%RH below(No ice and dew)
Ambient air humidity		85% Rhbelow(about +5~+35℃)
Weight		Approx.39.7g

Notes: The resistance value could adjust according to the client's requirement.

◆Model Specs naming and meaning

<p>1. Degree of Temperature</p>	<p>No Mark:T125</p>	<p>4. Terminal Types</p>	<p>A:250 Quick-connect Terminal B:187 Quick-connect terminal(Thick:0.8) C: 187 Quick-connect terminal(Thick:0.5) DSolder/187 common terminal E:Screw terminal F:Solder terminal G:20 Quick terminal No.2 Y:Not standard terminal</p>
<p>2. Ratings</p>	<p>16:16(4)A250VAC/16A125VAC 1/2HP 125/250VAC 10:10(3)A250VAC/10A125VAC 6:6(2)A250VAC/6A125VAC 1:1(1)A250VAC/1A125VAC</p>	<p>5. Additional Specs Numbers Apply to:</p>	<p>1) When used not standard parts such as not standard terminals; 2) When Customer has particular Operating value or other requirement</p> <p>Additional specs number shows by Arabic numerals or Latin.color Code after the numbers.If there is no Additional numbers,the place is vacant</p>
<p>3. Contact Forms</p>	<p>Z:SPDT T:SPST-NO D:SPST-NC</p>		

◆Contact forms diagram



◆ Terminal Dimensions

Terminal types	Quick-connect terminal #250	Quick-connect terminal #187 (t=0.8)	Quick-connect terminal #187 (t=0.5)	Solder/Quick-connect terminal #187
	<p>A</p>	<p>B</p>	<p>C</p>	<p>D</p>
	Screw terminal	Solder terminal	Quick-connect terminal #250 No.2	
	<p>E</p>	<p>F</p>	<p>G</p>	

◆ Dimensions and operating characteristics

