

Dust protected Compact-sized Snap Action Switches

MQS-59 Series

Features

- ◇ Flux-resistant construction with integrally molded terminals.
- ◇ Suitable for the use in the watery, dusty and corrosive gas environment.

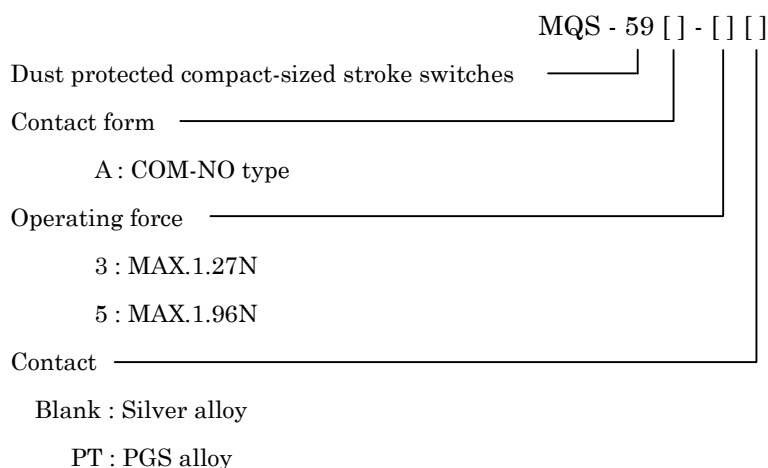


Actual size

Applications

- ◇ Cleaner , Refrigerator , Hot water pot
- ◇ Automotive products , Vending machine , Bathroom apparatus

Products Number system



Typical Specifications

Item	Specifications			
Contact	Silver alloy contact type		PGS alloy contact type	
Operating force (Pin plunger type)	MAX 1.27N	MAX 1.96	MAX 1.27N	MAX 1.96
Ratings (Resistive load)	1A 14VDC		0.1A 14VDC	
Mechanical life	300,000 cycles			
Electrical life	30,000 cycles		100,000 cycles	
Contact resistance (Initial)	MAX 30 milliohm		MAX 100 milliohm	
Insulation Resistance	MIN 100 megohm 500V DC			
Withstanding voltage	Between open contacts : 600V AC 1min		Between each terminal and non live metal part : 1500V AC 1min	
			Between each terminal and each : 1500V AC 1min	
Resistibility to vibration (Pin plunger type)	double amplitude : 1.5mm , frequency : 10 to 55Hz Each direction Open contact shall be less than 1 ms at the above conditions.			
Resistibility to shock (Pin plunger type)	Open contact shall be less than 1 ms at 30G.			
Allowable operating speed (at no load)	1 to 500 mm/sec.			
Max. operating cycle rate (at no load)	120 times/min.			
Operating temperature range	-20 to +70 degree Celsius			
Ambient humidity	MAX 85%RH			

