



Type	SD – M5R		SD – M5N		SD – M5P	
Characteristics						
Wiring	2Wire		3 Wire			
Connect Diagram						
Switching logic	Normally open		Solid state output, Normally open			
Output	Reed switch		NPN Sinking		PNP Sourcing	
Lead wire type	Horizontal					
Load voltage	5 ~ 120V DC/AC		5~28V DC			
Load current	100mA Max.		200mA Max.			
Switching rating	10W Max.		6W Max.			
Current consumption	---		20mA Max.@ 24V		18mA Max.@ 24V	
Voltage drop	2.5V Max.@ 40mA DC		0.5V Max.@ 200mA (Resistive load)			
Leakage current	---		0.01mA Max.			
Frequency	200Hz		1000Hz			
Shock	30G		50G			
Vibration	90 m/s ² (9G), Double amplitude 1.5 mm					
Insulation resistant	DC 500V 100MΩ (Lead wire to case)					
Withstand voltage	AC 1000V (50/60Hz) 1 minute (Lead wire to case)					
CE & Protection IP	EN60947-5-2 IEC529 IP67(NEMA 6)					
Indicator	Red LED				Green LED	
Cable	2.8φ ,2C, Gray PVC		2.8φ ,3C, Black PVC			
Temperature range	-10 ~ 70					
Protection circuit	---		Reverse polarity; Surge suppression			
Dimensions	SD-M5R SD-M5R-M8QD SD-M5R-M12QD		SD-M5N SD-M5N-M8QD SD-M5N-M12QD		SD-M5P SD-M5P-M8QD SD-M5P-M12QD	
M8&M12-Connector						