



Type	SD - 06-1R		SD - 06-1N		SD - 06-1P	
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	5W 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	2.6φ ,2C, Gray PVC		2.6φ ,3C, Black PVC			
Temperature range	-10 ~ 70					
Protection circuit	---		Reverse polarity; Surge suppression			
Dimensions	SD-06-1R SD-06-1R-M8QD SD-06-1R-M12QD		SD-06-1N SD-06-1N-M8QD SD-06-1N-M12QD		SD-06-1P SD-06-1P-M8QD SD-06-1P-M12QD	M8 (2-Wire QD Link) M8 (2-Wire E-QD Link) M8 (3-Wire QD Link) M12 (3-Wire QD Link)
M8&M12-Connector						