

Specification

| Type | SD - 75R | SD - 75N | SD - 75P | SD - 75RN | SD - 75RP |
|----------------------|---|-------------------------------------|---|---------------|---|
| Characteristics | | | | | |
| Wiring | 2Wire | 3 Wire | | | |
| Connect Diagram | | | | | |
| Switching logic | Normally open | Solid state output, Normally open | | Normally open | |
| Output | Reed switch | NPN Sinking | PNP Sourcing | Reed switch | |
| Lead wire type | Horizontal | | | | |
| Load voltage | 5 ~ 120V DC/AC | 4.5~28V DC | | | |
| Load current | 100mA Max. | 50mA Max. | | | |
| Current consumption | --- | 10mA Max. @ 24V | | 5mA @ 24V | |
| Voltage drop | 2.5V Max. | 0.5V Max. @ 50mA (Resistive load) | | 0.1V Max. | |
| Leakage current | --- | 50 μ A Max. | | --- | |
| Frequency | 200Hz | 1000Hz | | 200Hz | |
| Shock | 30G | 50G | | 30G | |
| 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) 1minute (Lead wire to case) | | | | |
| CE & Protection IP | EN60947-5-2 IEC529 IP67(NEMA 6) | | | | |
| Indicator | Red LED | | | | |
| Cable | 2.6 φ, 2C, Gray Pur | | 2.6 φ, 3C, Black Pur | | |
| Temperature range | -10 ~ 70°C | | | | |
| Protection circuit | --- | Reverse polarity; Surge suppression | | --- | |
| Dimensions | Reed Switch: SD-75R SD-75R-QD8 SD-75R-QD12 | | Solid N: SD-75N SD-75N-QD8 SD-75N-QD12 | | Solid P: SD-75P SD-75P-QD8 SD-75P-QD12 |
| | | | | | |
| M8&M12-Connector | 2-Wire QD Link | | 2-Wire E-QD Link | | 3-Wire QD Link |
| | | | | | |