

Latching Limit Switch with Remote Reset SSD4 SERIES (3-CONDUIT ENTRIES)

Introduction

SSD4 latching limit switch with remote reset is designed for use for applications, where an intentional reset of the switch is required. The switch can be remotely reset without being physically near it.

Applications

- Overspeed governor, particularly suitable for machine room less lifts.
- Wind generators, or similar applications with service areas difficult to access

Features

- Glass fiber reinforced plastic body
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- Conform to EN 60947-5-1, IEC 60947-5-1, UL508, ASME A17.1/5, EN 81-1, EN 81-2 Standards
- Reset with electric pulse 24VDC, 48VDC 120VAC or 240VAC options
- Galvanically separated contacts
- Prewired with 3 possible cable entry positions
- Positive Opening of NC contacts
- Conform to EN 50047 standard



Specifications:


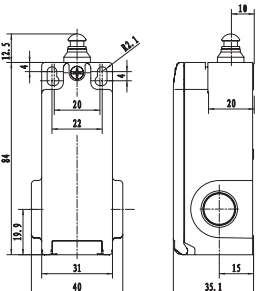

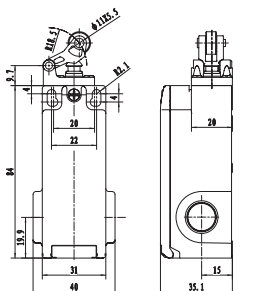
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|-----------------------|--|
| Operating Speed | 0.05mm-0.5m/sec |
| Rated Current/Voltage | 10A/600V AC (EN60947-5-1) AC15 A600 / DC13 Q300 |
| Service Life | Mechanically 50,000 (operations) |
| Operating Temperature | -25~+50°C (-13~122°F) with no icing |
| Actuating force | 6 N (+/- 2 N) |
| Actuating Distance | < 0.5mm |
| Contact Opening | 2 x 2 mm |
| Degree of Protection | IP66 |

Solenoid:

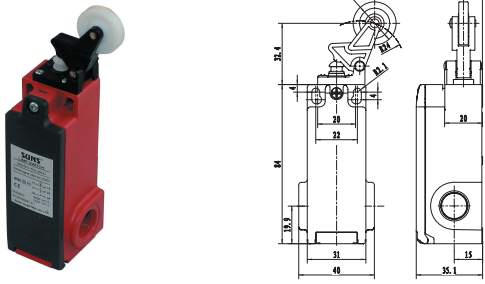
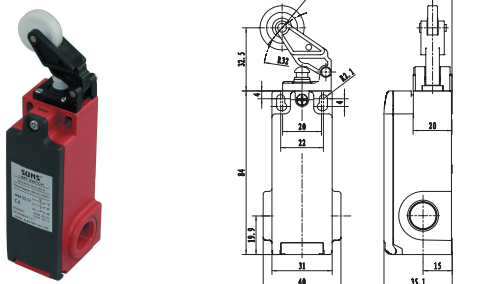
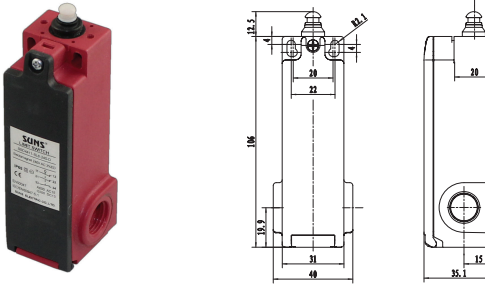
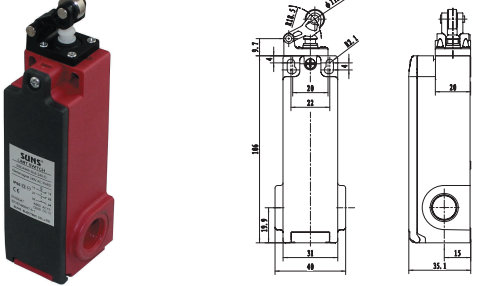
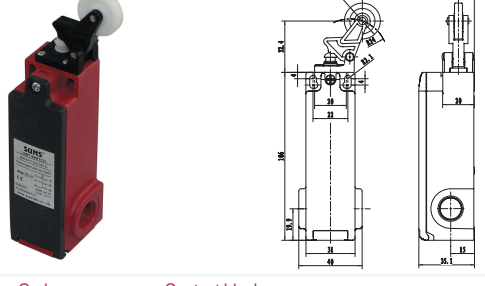
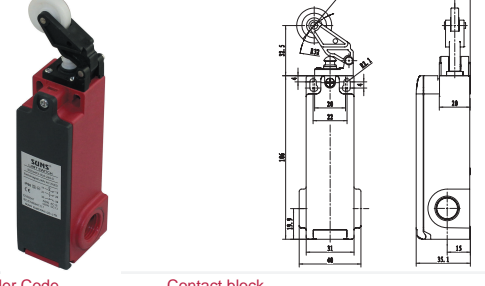
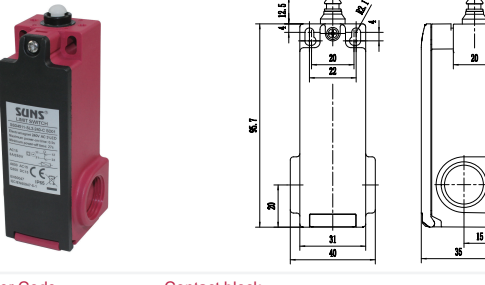
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|--------------------------|--|
| Rated voltage (Ue): | 24 VDC (+/- 10%) 48 VDC (+/- 10%) 120 VAC (+/- 10%) 240 VAC (+/- 10%) |
| Rated current (Ie): | 3 A (24 VDC) 1.5 A (48 VDC) 0.8A (120VAC) 0.5 A (230 V) |
| Solenoid duty cycle: | 3% ED |
| Power supply time | Power supply time: min. 0.2s, max 0.5s Time without power supply: min. 30s |
| Max operating frequency: | 100 operations cycles/hour |

Selection Guide:

| | | | | | | | | | | | | |
|---|-----------|---|----------------------|---|------------|-------------------------|----------|---|------------|---|--------------------------------------|--|
| SSD44 | 11 | - | SL6 | - | 120 | - | D | - | L | - | 2 | |
| Enclosure Type | | | Contact Block | | | Solenoid voltage rating | | | Conduits | | Cable Exit Cable Length in Meters | |
| 43: Body length 84mm (3 conduit entries) | | | SSD43 Series | | | 24: 24VDC | | | A: 1/2"NPT | | Blank: No Prewired Cable | |
| 44: Body length 106mm (3 conduit entries) | | | S01: 1NC Contact | | | 48: 48VDC | | | B: PG13.5 | | L: Cable Exit Left | |
| 45: Body length 95.7mm (3 conduit entries) | | | SSD44 Series | | | 120: 110-125VAC | | | C: M20 | | M: Cable Exit Bottom | |
| | | | SL: 1NO/1NC Contact | | | 240: 220-240VAC | | | D: M16 | | R: Cable Exit Left | |
| | | | SL2: 2NC Contact | | | | | | B1: PG11 | | | |
| | | | SL4: 3NC Contact | | | | | | | | | |
| | | | SL6: 2NC/1NO Contact | | | | | | | | | |
| | | | SSD45 Series | | | | | | | | | |
| | | | SL: 1NO/1NC Contact | | | | | | | | | |
| | | | SL2: 2NC Contact | | | | | | | | | |

| | | | |
|---|---|---|---|
|  |  |  |  |
| Order Code | Contact block | Order Code | Contact block |
| SSD4311-S01 | ⊕ slow action 1NC | SSD4362-S01 | ⊕ slow action 1NC |

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|--|--|
|  | <p>Order Code Contact block</p> <p>SSD4372-S01 ⊕ slow action 1NC</p> |
|  | <p>Order Code Contact block</p> <p>SSD4373-S01 ⊕ slow action 1NC</p> |
|  | <p>Order Code Contact block</p> <p>SSD4411-SL ⊕ slow action 1NC/1NO BBM</p> <p>SSD4411-SL2 ⊕ slow action 2NC</p> <p>SSD4411-SL6 ⊕ slow action 2NC/1NO</p> |
|  | <p>Order Code Contact block</p> <p>SSD4462-SL ⊕ slow action 1NC/1NO BBM</p> <p>SSD4462-SL2 ⊕ slow action 2NC</p> <p>SSD4462-SL6 ⊕ slow action 2NC/1NO</p> |
|  | <p>Order Code Contact block</p> <p>SSD4472-SL ⊕ slow action 1NC/1NO BBM</p> <p>SSD4472-SL2 ⊕ slow action 2NC</p> <p>SSD4472-SL6 ⊕ slow action 2NC/1NO</p> |
|  | <p>Order Code Contact block</p> <p>SSD4473-SL ⊕ slow action 1NC/1NO BBM</p> <p>SSD4473-SL2 ⊕ slow action 2NC</p> <p>SSD4473-SL6 ⊕ slow action 2NC/1NO</p> |
|  | <p>Order Code Contact block</p> <p>SSD4511-SL ⊕ slow action 1NC/1NO BBM</p> <p>SSD4511-SL2 ⊕ slow action 2NC</p> |