

## 安全限位开关

SN63 系列（金属壳体）三方向孔出线 EN50041 标准

**SUNS 能帮助您的工厂更有效率，让自动化环境更安全和高效。**



### 特点

- 锌合金压铸本体
- 接地位置和开关接线在同一个平面
- 可更换的触点模块，简单易用
- 电气隔离式触点模块
- 带垫螺丝方便接线
- 常闭触点具有强制分离功能
- 4 x 90° 换位，全方向头部
- 多种标准引线孔：M20, PG13.5 and 1/2"NPT
- 符合 EN 50041 标准

### 动作特性定义

- OF 动作力
- RF 复位力
- OT 超行程
- TT 总行程
- PT 动作行程（预行程）
- MD 距差
- OP 动作位置
- PO 绝对分离位置



### 规格

|         |  |
|---------|--|
| 操作速度    | 0.05mm-2m/sec  |
| 操作频率    | 机械 120ops/min ; 电气 30 ops/min                              |
| 绝缘电阻    | >100MΩ@500V DC   |
| 接点电阻    | <25mΩ (初值)   |
| 额定电流/电压 | 10A/600V AC (EN60947-5-1)                                  |
| 电气等级    | UL/cUL Listed (E216958) AC15 A600 / DC13 Q300              |
| 耐压值     | 同级端子间1000VAC 50/60Hz 1分钟<br>端子对地或对无载金属间2500VAC 50/60Hz 1分钟 |
| 寿命      | 机械 1×10 <sup>7</sup> 次<br>电气 5×10 <sup>9</sup> 次           |
| 环境温度    | -25~+80°C (-13~176°F) 不结冰                                  |
| 湿度      | < 95%RH  |
| 重量      | 金属壳体约重450-530g   |
| 保护等级    | IP67   |

### 选型指南

SN63

本体样式

04

外触杆形式

SP

- SP: 快动 1NO/1NC
- SPT: 快动 2NO/2NC
- SL: BBM 慢动转换 1NO/1NC
- SL1: MBB 慢动重叠1NO/1NC
- SL2: 慢动 2NC
- SL3: 慢动 2NO
- SL4: 慢动 3NC
- SL5: 慢动 3NO
- SL6: BBM 慢动转换 2NC/1NO
- SL7: MBB 慢动重叠 2NC/1NO
- SL8: BBM 慢动转换 2NO/1NC
- SL9: MBB 慢动重叠 2NO/1NC

C

出线

- A: 1/2"NPT
- B: PG13.5
- C: M20

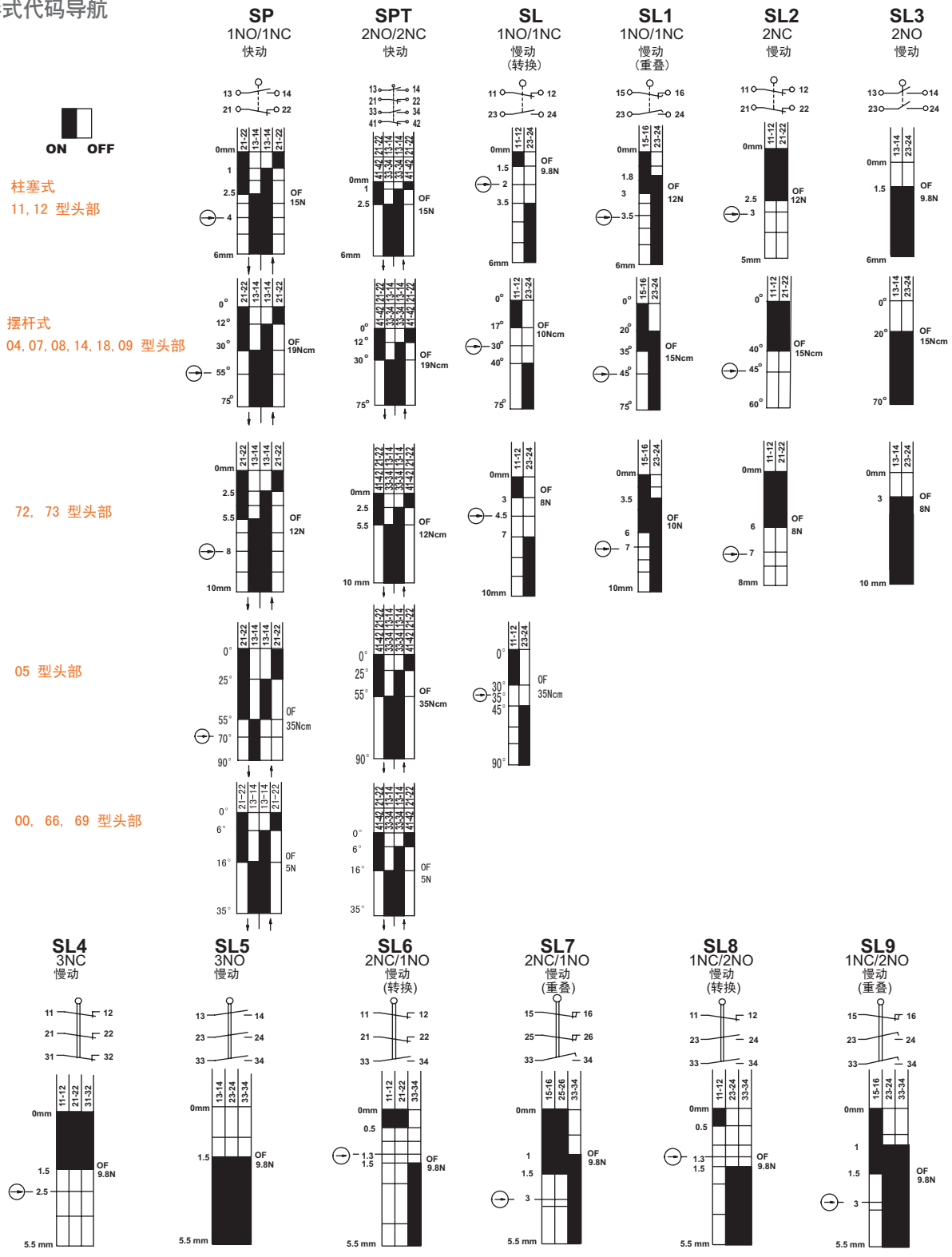
R

- 空白: 自动复位
- R: 手动复位

## 安全限位开关

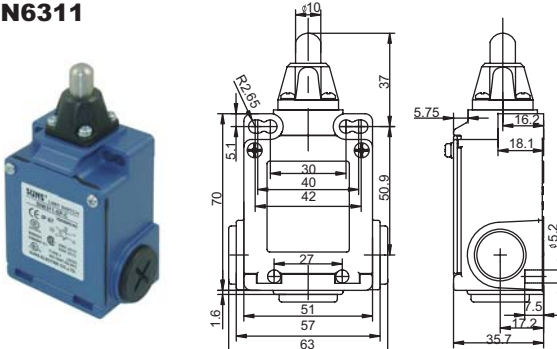
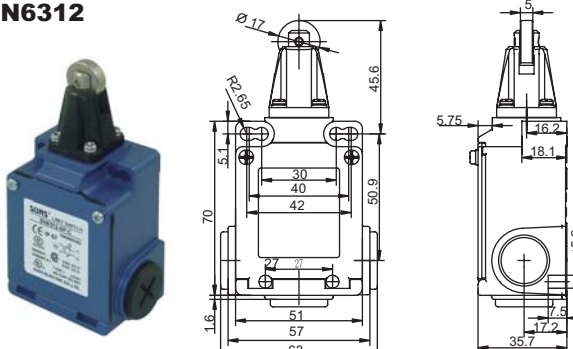
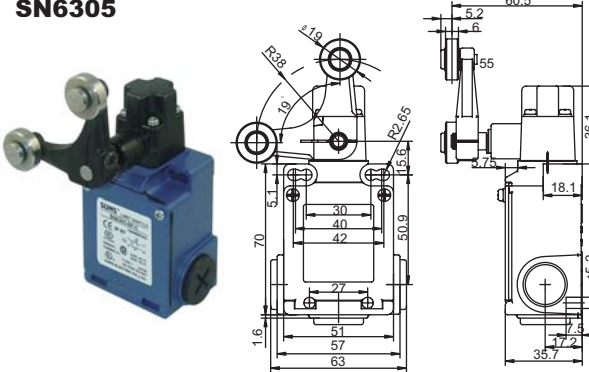
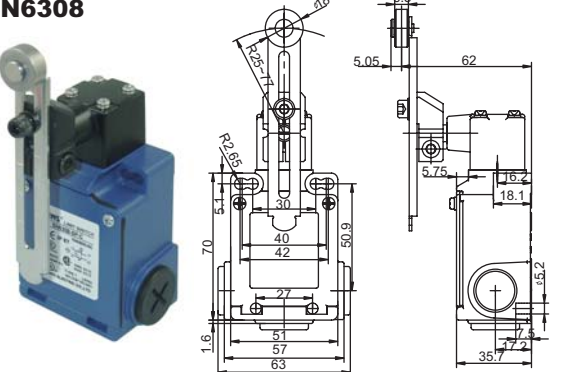
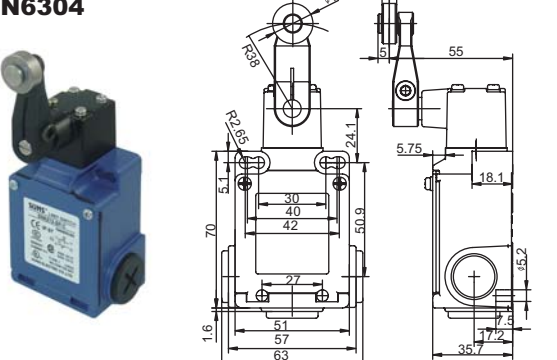
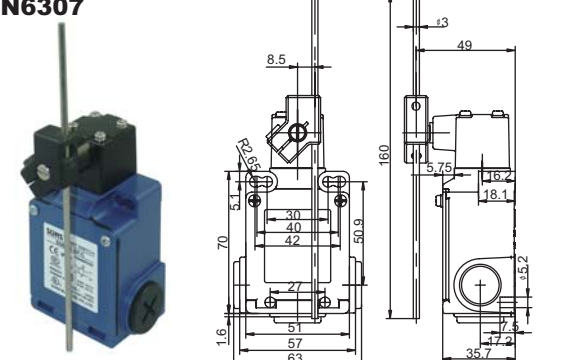
SN63 系列 (金属壳体) 三方向孔出线 EN50041 标准

接点形式代码导航



## 安全限位开关

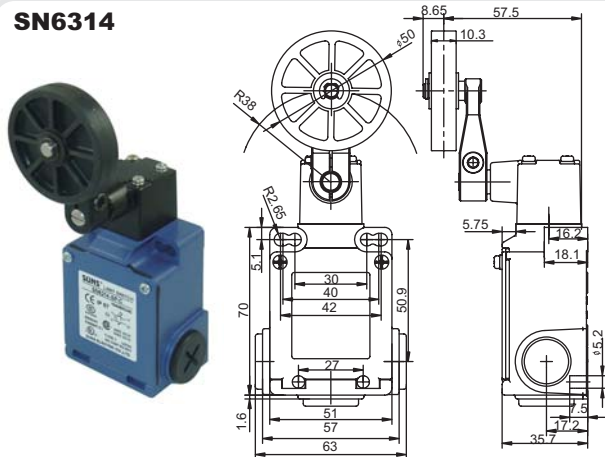
SN63 系列（金属壳体）三方向孔出线 EN50041 标准

| <p><b>SN6311</b></p>    | <p><b>SN6312</b></p>    |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
|--|---|------|-------------|--|--------------|----|----|---------|--------------|----|----|-------------|--|-----|------|-------------|---------------|--------------|----|-----|--|--------------|------|----|-------------|---------------|-----|----|-------------|---------------|-----|----|-------------|---------------|-----|----|-------------|---------------|-----|----|-----|
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| 型号   | 强制开离  |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6311-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6311-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6311-SL1-__  | SL1   | 慢动   | 1NO+1NC MBB |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6311-SL2-__  | SL2   | 慢动   | 2NC         |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
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| SN6312-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6312-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6312-SL1-__  | SL1   | 慢动   | 1NO+1NC MBB |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6312-SL2-__  | SL2   | 慢动   | 2NC         |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| <p><b>SN6305</b></p>   | <p><b>SN6308</b></p>   |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
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| SN6305-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6305-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
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| SN6308-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6308-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6308-SL1-__  | SL1   | 慢动   | 1NO+1NC MBB |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6308-SL2-__  | SL2   | 慢动   | 2NC         |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| <p><b>SN6304</b></p>    | <p><b>SN6307</b></p>  |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
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| 型号   | 强制开离  |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6304-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6304-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6304-SL1-__  | SL1   | 慢动   | 1NO+1NC MBB |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6304-SL2-__  | SL2   | 慢动   | 2NC         |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| 型号   | 强制开离  |      |             |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6307-SP-__   | SP  | 快动   | 1NO+1NC     |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6307-SL-__   | SL  | 慢动   | 1NO+1NC BBM |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6307-SL1-__  | SL1   | 慢动   | 1NO+1NC MBB |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |
| SN6307-SL2-__  | SL2   | 慢动   | 2NC         |  |              |    |    |         |              |    |    |             |  |     |      |             |               |              |    |     |  |              |      |    |             |               |     |    |             |               |     |    |             |               |     |    |             |               |     |    |     |

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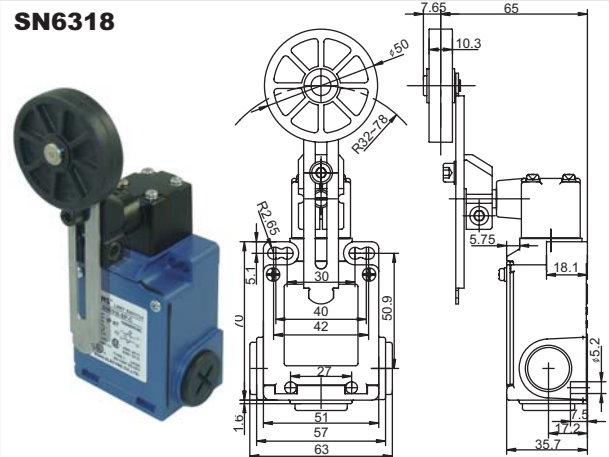
SN63 系列 (金属壳体) 三方向孔出线 EN50041 标准

### SN6314



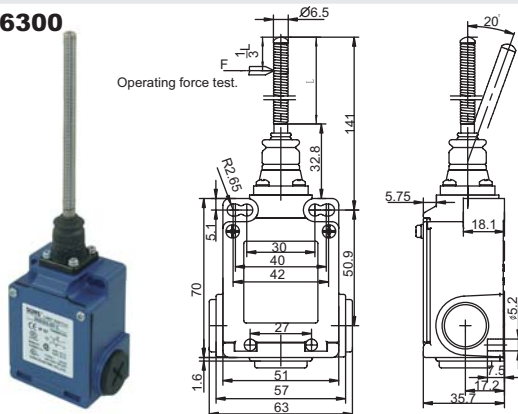
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| SN6314-SL- _  | SL   | ↻ | 慢动 | 1NO+1NC BBM |
| SN6314-SL1- _ | SL1  | ↻ | 慢动 | 1NO+1NC MBB |
| SN6314-SL2- _ | SL2  | ↻ | 慢动 | 2NC         |

### SN6318



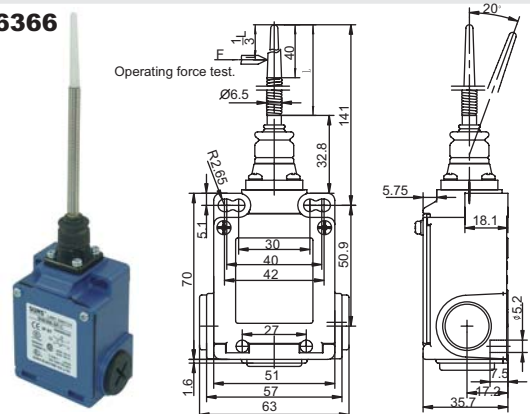
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|---------------|------|---|----|-------------|
| SN6318-SP- _  | SP   | ↻ | 快动 | 1NO+1NC     |
| SN6318-SL- _  | SL   | ↻ | 慢动 | 1NO+1NC BBM |
| SN6318-SL1- _ | SL1  | ↻ | 慢动 | 1NO+1NC MBB |
| SN6318-SL2- _ | SL2  | ↻ | 慢动 | 2NC         |

### SN6300



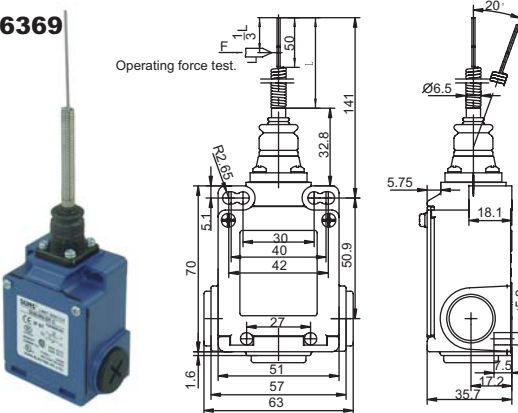
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| SN6300-SP- _ | SP |  | 快动 | 1NO+1NC |

### SN6366



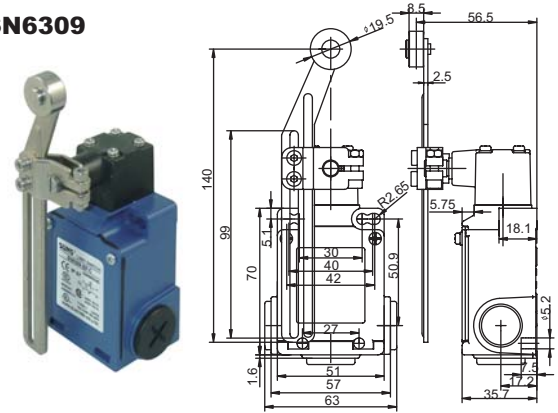
| 型号           |    |  |    |         |
|--------------|----|--|----|---------|
| SN6366-SP- _ | SP |  | 快动 | 1NO+1NC |

### SN6369



| 型号           |    |  |    |         |
|--------------|----|--|----|---------|
| SN6369-SP- _ | SP |  | 快动 | 1NO+1NC |

### SN6309

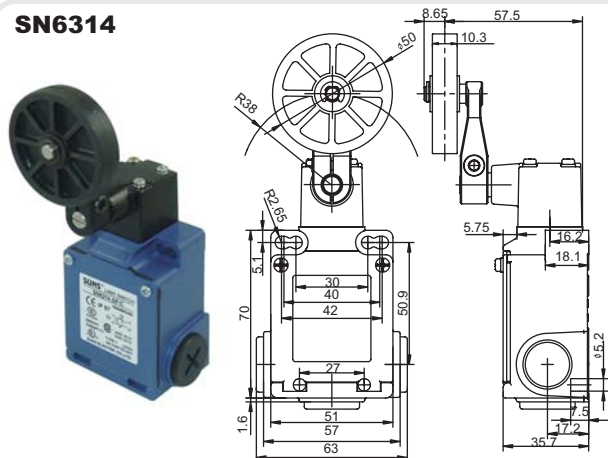


| 型号            | 强制开离 |   |    |             |
|---------------|------|---|----|-------------|
| SN6309-SP- _  | SP   | ↻ | 快动 | 1NO+1NC     |
| SN6309-SL- _  | SL   | ↻ | 慢动 | 1NO+1NC BBM |
| SN6309-SL1- _ | SL1  | ↻ | 慢动 | 1NO+1NC MBB |
| SN6309-SL2- _ | SL2  | ↻ | 慢动 | 2NC         |

## 安全限位开关

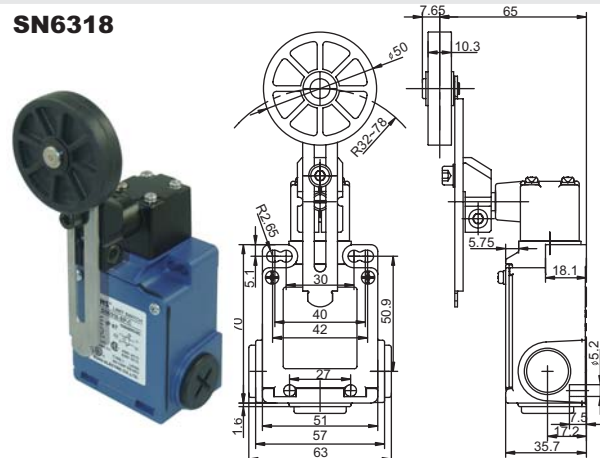
SN63 系列 (金属壳体) 三方向孔出线 EN50041 标准

### SN6314



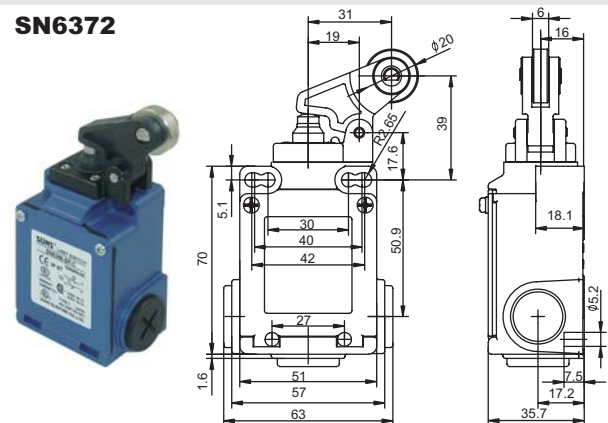
| 型号            | 强制分离 |   |    |             |
|---------------|------|---|----|-------------|
| SN6314-SP- _  | SP   | → | 快动 | 1NO+1NC     |
| SN6314-SL- _  | SL   | → | 慢动 | 1NO+1NC BBM |
| SN6314-SL1- _ | SL1  | → | 慢动 | 1NO+1NC MBB |
| SN6314-SL2- _ | SL2  | → | 慢动 | 2NC         |

### SN6318



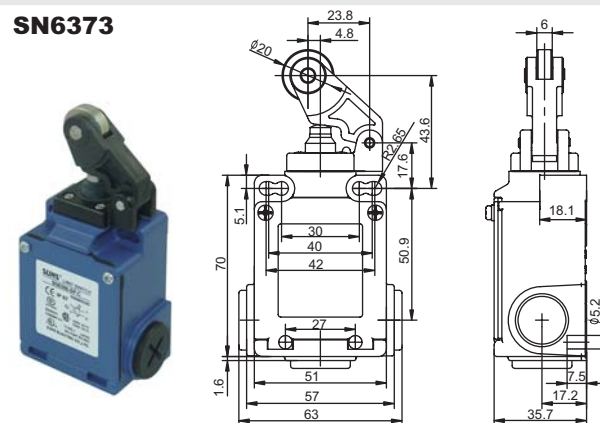
| 型号            | 强制分离 |   |    |             |
|---------------|------|---|----|-------------|
| SN6318-SP- _  | SP   | → | 快动 | 1NO+1NC     |
| SN6318-SL- _  | SL   | → | 慢动 | 1NO+1NC BBM |
| SN6318-SL1- _ | SL1  | → | 慢动 | 1NO+1NC MBB |
| SN6318-SL2- _ | SL2  | → | 慢动 | 2NC         |

### SN6372



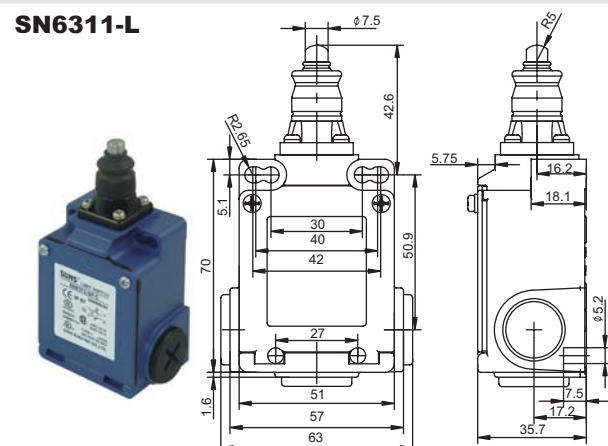
| 型号            | 强制分离 |   |    |             |
|---------------|------|---|----|-------------|
| SN6372-SP- _  | SP   | → | 快动 | 1NO+1NC     |
| SN6372-SL- _  | SL   | → | 慢动 | 1NO+1NC BBM |
| SN6372-SL1- _ | SL1  | → | 慢动 | 1NO+1NC MBB |
| SN6372-SL2- _ | SL2  | → | 慢动 | 2NC         |

### SN6373



| 型号            | 强制分离 |   |    |             |
|---------------|------|---|----|-------------|
| SN6373-SP- _  | SP   | → | 快动 | 1NO+1NC     |
| SN6373-SL- _  | SL   | → | 慢动 | 1NO+1NC BBM |
| SN6373-SL1- _ | SL1  | → | 慢动 | 1NO+1NC MBB |
| SN6373-SL2- _ | SL2  | → | 慢动 | 2NC         |

### SN6311-L



| 型号             | 强制分离 |   |    |             |
|----------------|------|---|----|-------------|
| SN6311-SP- _L  | SP   | → | 快动 | 1NO+1NC     |
| SN6311-SL- _L  | SL   | → | 慢动 | 1NO+1NC BBM |
| SN6311-SL1- _L | SL1  | → | 慢动 | 1NO+1NC MBB |
| SN6311-SL2- _L | SL2  | → | 慢动 | 2NC         |