

## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)



*Long standing relationships with the biggest names in Industrial Automation enable our team to deliver competitive products that are innovative and designed for years of reliable performance.*

### Features

- Glass fiber reinforced plastic body
- Increased wiring space
- Easily interchangeable contact block
- Galvanically separated contacts
- Screw terminals with self-lifting clamps for easy wiring
- Positive Opening of NC contacts
- 4 x 90° actuator positions
- Cable entry available: M20, PG13.5 and 1/2"NPT
- Conform to EN 50041 standard

### Definitions of Operating Characteristics

- OF Operating Force
- RF Releasing Force
- OT Overtravel
- TT Total Travel
- PT Pretravel
- MD Movement Differential
- OP Operating Position
- PO Travel to Positive Opening



### Specifications

Operating Speed	0.05mm-2m/sec
Operating Frequency	Mechanical: 120ops/min Electrical: 30 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ (initial value)
Rated Current/Voltage	10A/600V AC (EN60947-5-1) UL/cUL Listed (E216958) AC15 A600 / DC13 Q300
Dielectric Strength	1000VAC for 1 min between current carrying parts 2500VAC for 1 min between non-current carrying parts
Service Life	Mechanically 1.0 x 10 <sup>7</sup> (operations) Electrically 5 x 10 <sup>5</sup> (operations)
Operating Temperature	-25~+80°C (-13~176°F) with no icing
Humidity	< 95%RH
Weight	150-230g for plastic body
Degree of Protection	IP67

### Selection Guide:

**SND6**  
Body Styles

**04**  
Head Styles

**SP**  
Contact Block

- SP: 1NO/1NC Snap action
- SL: BBM 1NO/1NC Slow Action changeover
- SL1: MBB 1NO/1NC Slow Action Overlapping
- SL2: 2NC Slow Action
- SL3: 2NO Slow Action
- SL4: 3NC Slow Action
- SL5: 3NO Slow Action
- SL6: BBM 2NC/1NO Slow Action changeover
- SL7: MBB 2NC/1NO Slow Action Overlapping
- SL8: BBM 2NO/1NC Slow Action changeover
- SL9: MBB 2NO/1NC Slow Action Overlapping

**C**  
Conduits

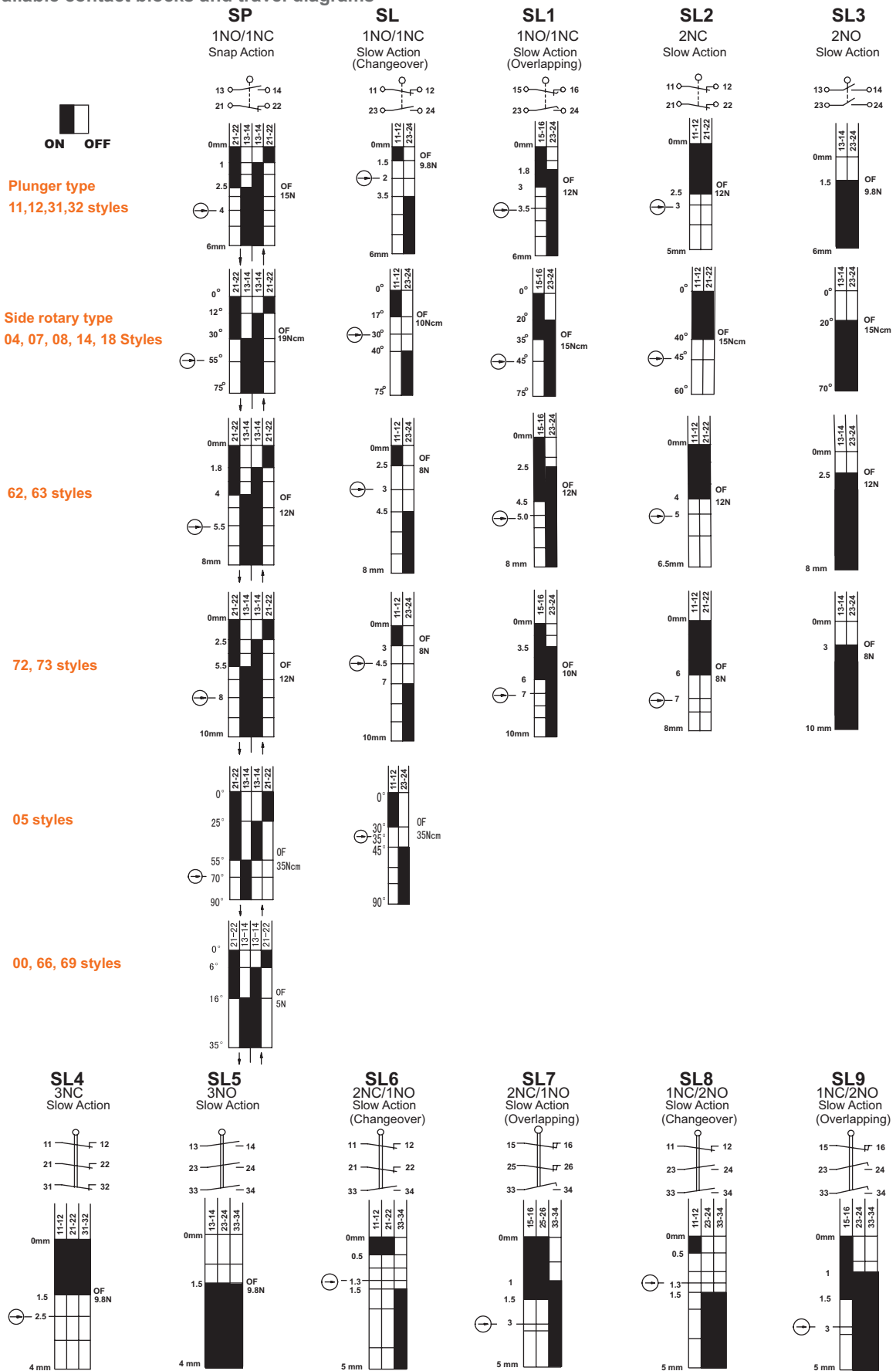
- A: 1/2"NPT
- B: PG13.5
- C: M20

**R**

- Blank
- R: with Reset

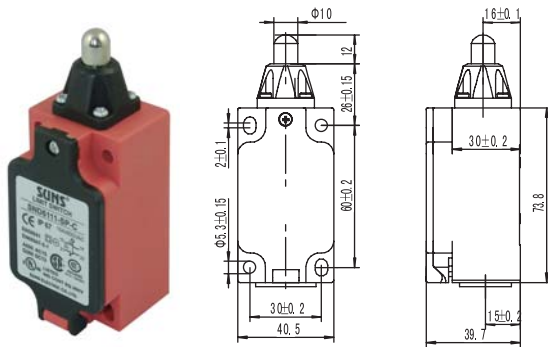
## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)

Available contact blocks and travel diagrams



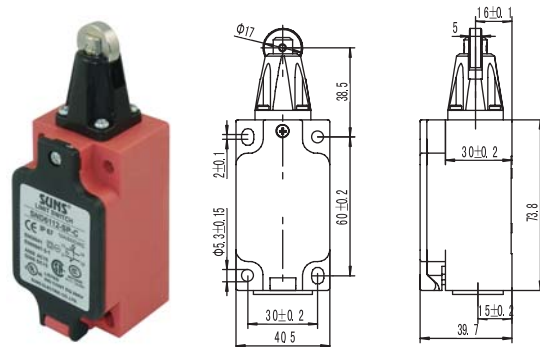
## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)

### SND6111



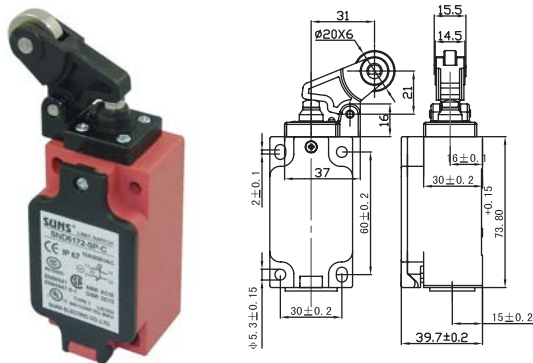
Order Code	Contact block			
SND6111-SP- _	SP	↻	snap action	1NO+1NC
SND6111-SL- _	SL	↻	slow action	1NO+1NC BBM
SND6111-SL1- _	SL1	↻	slow action	1NO+1NC MBB
SND6111-SL2- _	SL2	↻	slow action	2NC

### SND6112



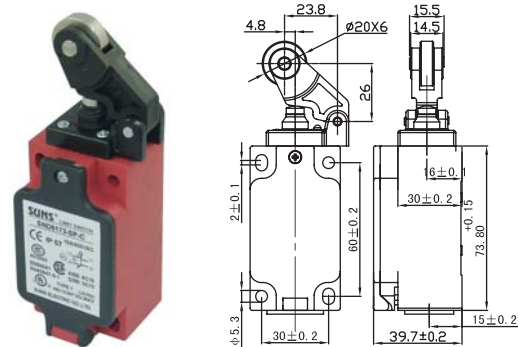
Order Code	Contact block			
SND6112-SP- _	SP	↻	snap action	1NO+1NC
SND6112-SL- _	SL	↻	slow action	1NO+1NC BBM
SND6112-SL1- _	SL1	↻	slow action	1NO+1NC MBB
SND6112-SL2- _	SL2	↻	slow action	2NC

### SND6172



Order Code	Contact block			
SND6172-SP- _	SP	↻	snap action	1NO+1NC
SND6172-SL- _	SL	↻	slow action	1NO+1NC BBM
SND6172-SL1- _	SL1	↻	slow action	1NO+1NC MBB
SND6172-SL2- _	SL2	↻	slow action	2NC

### SND6173



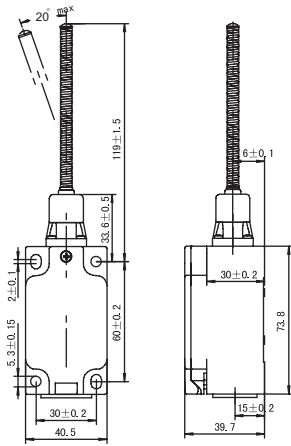
Order Code	Contact block			
SND6173-SP- _	SP	↻	snap action	1NO+1NC
SND6173-SL- _	SL	↻	slow action	1NO+1NC BBM
SND6173-SL1- _	SL1	↻	slow action	1NO+1NC MBB
SND6173-SL2- _	SL2	↻	slow action	2NC

## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)

<b>SND6104</b> 		<b>SND6107</b> 	
Order Code	Contact block	Order Code	Contact block
SND6104-SP- _	SP  snap action 1NO+1NC	SND6107-SP- _	SP  snap action 1NO+1NC
SND6104-SL- _	SL  slow action 1NO+1NC BBM	SND6107-SL- _	SL  slow action 1NO+1NC BBM
SND6104-SL1- _	SL1  slow action 1NO+1NC MBB	SND6107-SL1- _	SL1  slow action 1NO+1NC MBB
SND6104-SL2- _	SL2  slow action 2NC	SND6107-SL2- _	SL2  slow action 2NC
<b>SND6105</b> 		<b>SND6108</b> 	
Order Code	Contact block	Order Code	Contact block
SND6105-SP- _	SP  snap action 1NO+1NC	SND6108-SP- _	SP  snap action 1NO+1NC
SND6105-SL- _	SL  slow action 1NO+1NC BBM	SND6108-SL- _	SL  slow action 1NO+1NC BBM
		SND6108-SL1- _	SL1  slow action 1NO+1NC MBB
		SND6108-SL2- _	SL2  slow action 2NC
<b>SND6114</b> 		<b>SND6118</b> 	
Order Code	Contact block	Order Code	Contact block
SND6114-SP- _	SP  snap action 1NO+1NC	SND6118-SP- _	SP  snap action 1NO+1NC
SND6114-SL- _	SL  slow action 1NO+1NC BBM	SND6118-SL- _	SL  slow action 1NO+1NC BBM
SND6114-SL1- _	SL1  slow action 1NO+1NC MBB	SND6118-SL1- _	SL1  slow action 1NO+1NC MBB
SND6114-SL2- _	SL2  slow action 2NC	SND6118-SL2- _	SL2  slow action 2NC

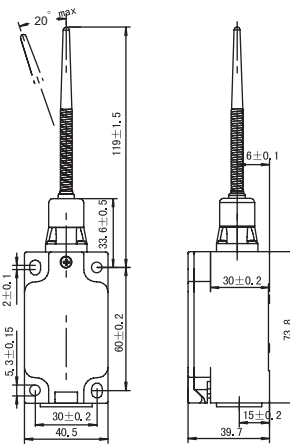
## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)

### SND6100



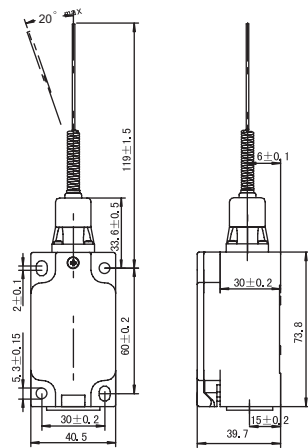
Order Code      Contact block  
SND6100-SP- \_      SP           snap action      1NO+1NC

### SND6166



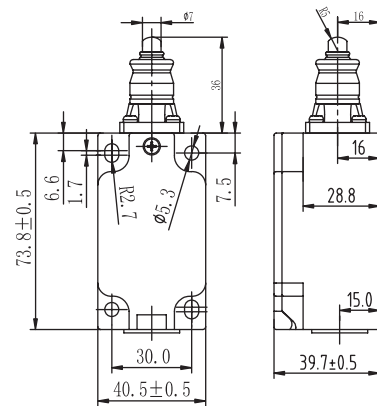
Order Code      Contact block  
SND6166-SP- \_      SP           snap action      1NO+1NC

### SND6169



Order Code      Contact block  
SND6169-SP- \_      SP           snap action      1NO+1NC

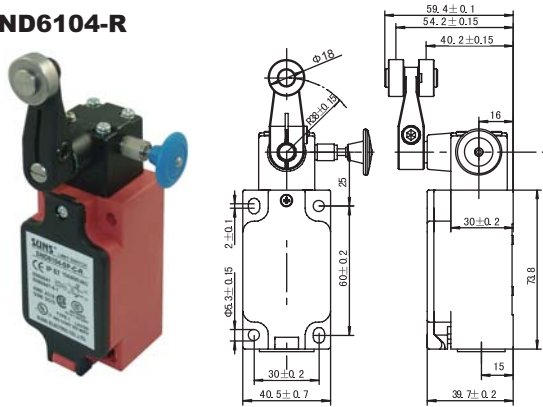
### SND6111-L



Order Code      Contact block  
SND6111-SP- \_L      SP           snap action      1NO+1NC  
SND6111-SL- \_L      SL           slow action      1NO+1NC      BBM  
SND6111-SL1- \_L      SL1           slow action      1NO+1NC      MBB  
SND6111-SL2- \_L      SL2           slow action      2NC

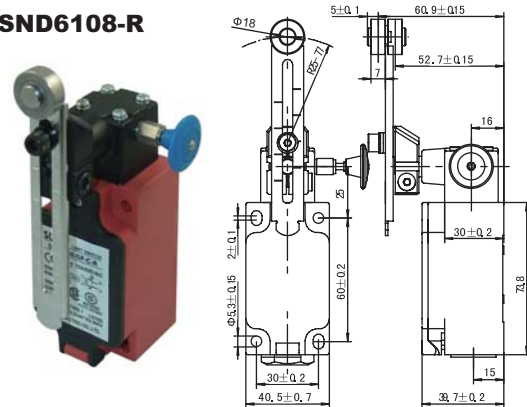
## GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY WITH RESET)

### SND6104-R



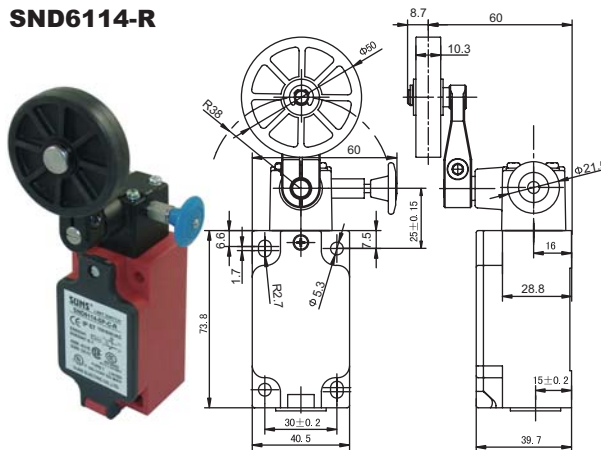
Order Code	Contact block			
SND6104-SP-_R	SP	→	snap action	1NO+1NC
SND6104-SL-_R	SL	→	slow action	1NO+1NC BBM
SND6104-SL1-_R	SL1	→	slow action	1NO+1NC MBB
SND6104-SL2-_R	SL2	→	slow action	2NC

### SND6108-R



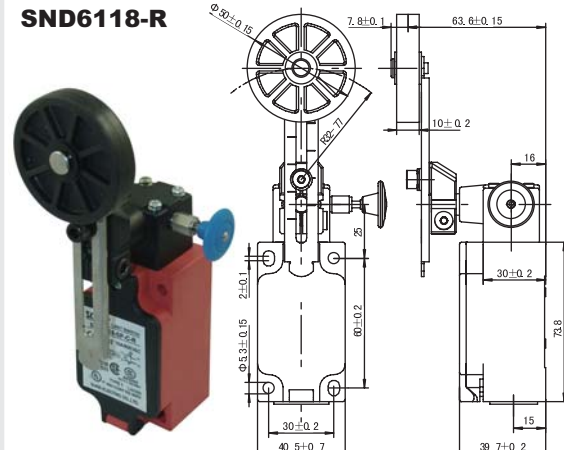
Order Code	Contact block			
SND6107-SP-_R	SP	→	snap action	1NO+1NC
SND6107-SL-_R	SL	→	slow action	1NO+1NC BBM
SND6107-SL1-_R	SL1	→	slow action	1NO+1NC MBB
SND6107-SL2-_R	SL2	→	slow action	2NC

### SND6114-R



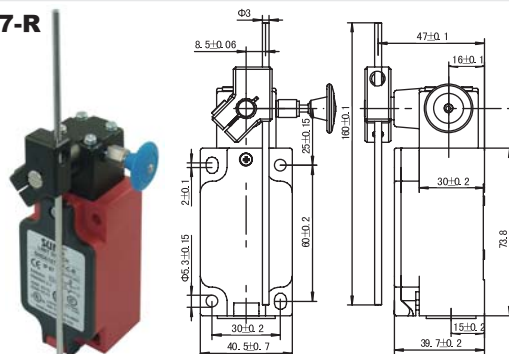
Order Code	Contact block			
SND6114-SP-_R	SP	→	snap action	1NO+1NC
SND6114-SL-_R	SL	→	slow action	1NO+1NC BBM
SND6114-SL1-_R	SL1	→	slow action	1NO+1NC MBB
SND6114-SL2-_R	SL2	→	slow action	2NC

### SND6118-R



Order Code	Contact block			
SND6118-SP-_R	SP	→	snap action	1NO+1NC
SND6118-SL-_R	SL	→	slow action	1NO+1NC BBM
SND6118-SL1-_R	SL1	→	slow action	1NO+1NC MBB
SND6118-SL2-_R	SL2	→	slow action	2NC

### SND6107-R



Order Code	Contact block			
SND6107-SP-_	SP	→	snap action	1NO+1NC
SND6107-SL-_	SL	→	slow action	1NO+1NC BBM
SND6107-SL1-_	SL1	→	slow action	1NO+1NC MBB
SND6107-SL2-_	SL2	→	slow action	2NC