

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 Thermal Current	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 ⁷ (operations) Electrically 5 x 10 ⁵ (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
- SPT: 2NO/2NC 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

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Available contact blocks and travel diagrams



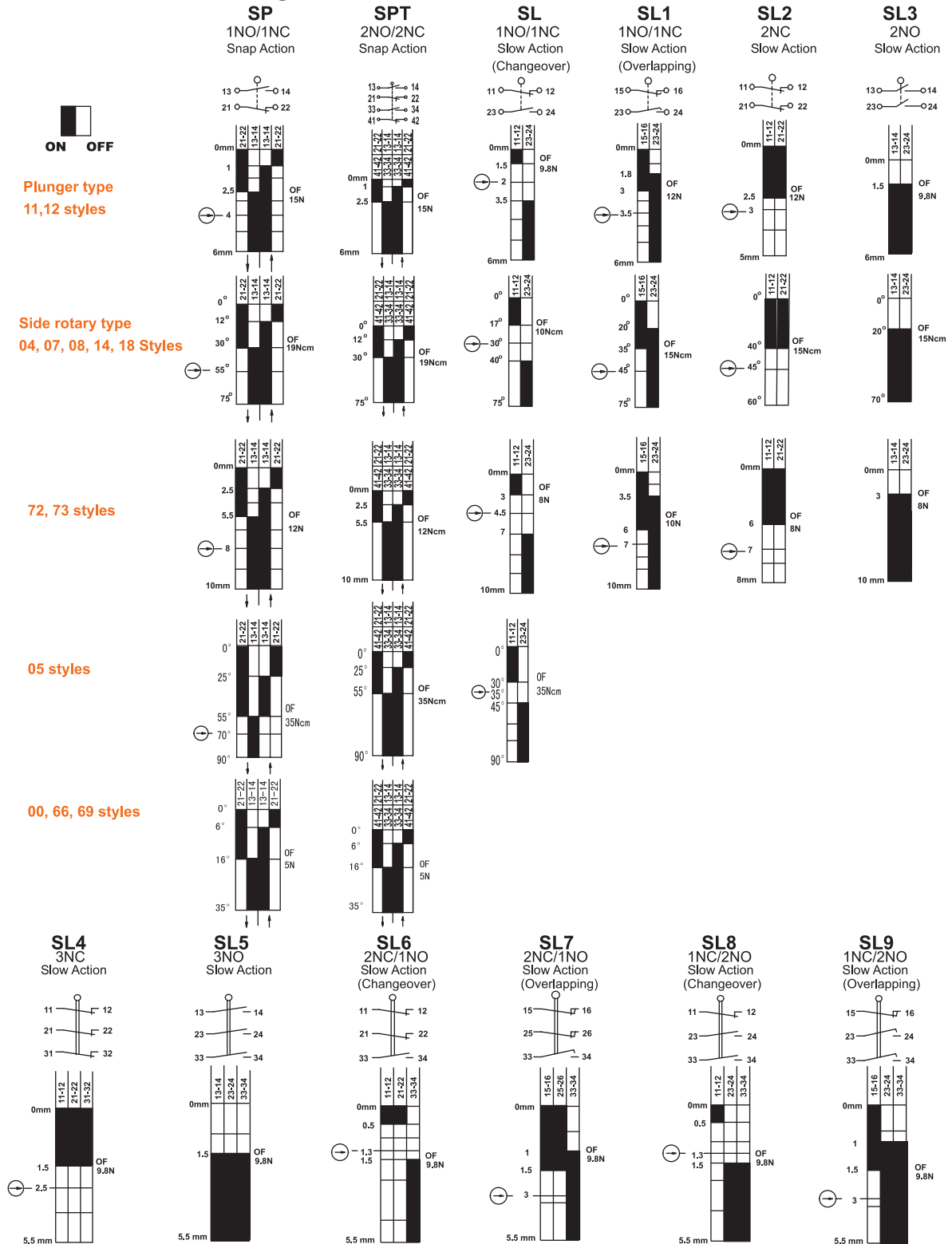
Plunger type
11,12 styles

Side rotary type
04, 07, 08, 14, 18 Styles

72, 73 styles

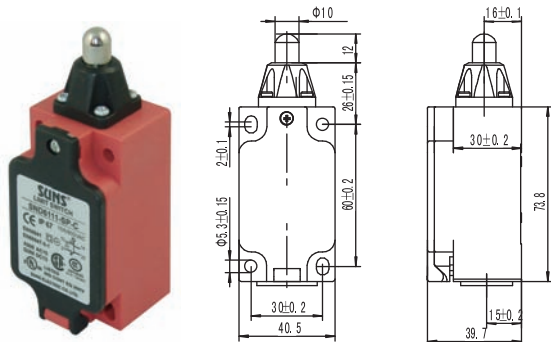
05 styles

00, 66, 69 styles



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

SND6111

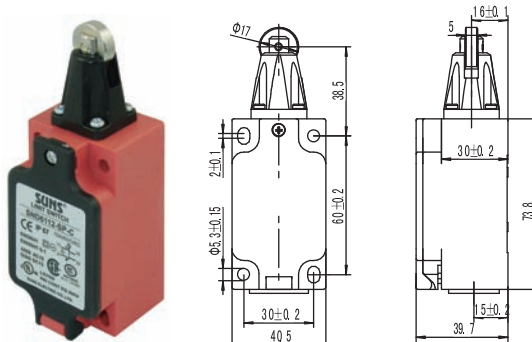


Order Code

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

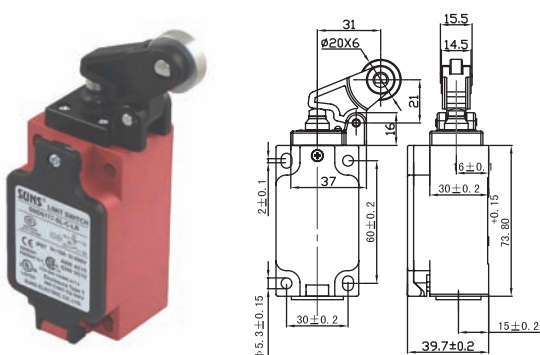


Order Code

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

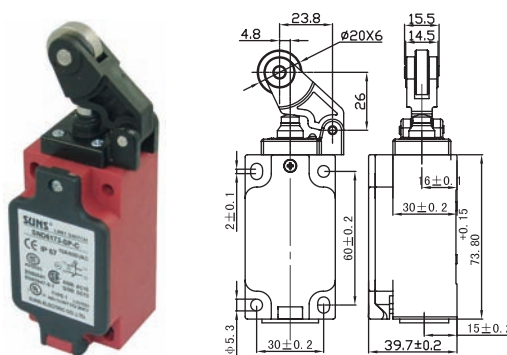


Order Code

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



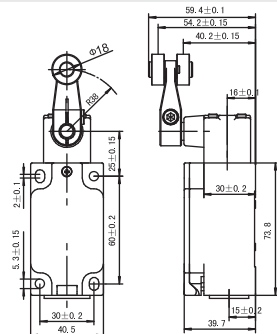
Order Code

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

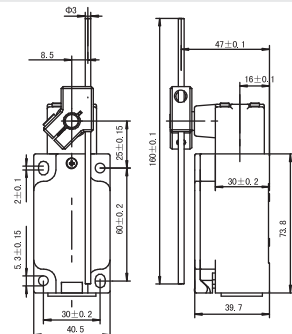
GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY)

SND6104



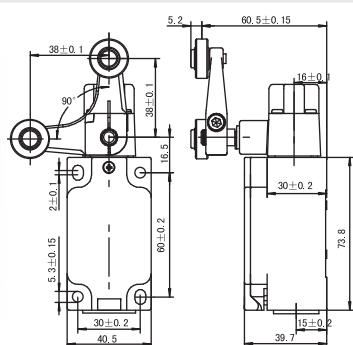
Order Code	Contact block		
SND6104-SP- _	SP	→ snap action	1NO+1NC
SND6104-SL- _	SL	→ slow action	1NO+1NC BBM
SND6104-SL1- _	SL1	→ slow action	1NO+1NC MBB
SND6104-SL2- _	SL2	→ slow action	2NC

SND6107



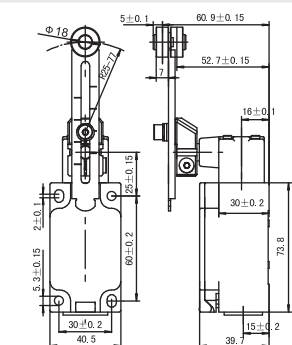
Order Code	Contact block		
SND6107-SP- _	SP	→ snap action	1NO+1NC
SND6107-SL- _	SL	→ slow action	1NO+1NC BBM
SND6107-SL1- _	SL1	→ slow action	1NO+1NC MBB
SND6107-SL2- _	SL2	→ slow action	2NC

SND6105



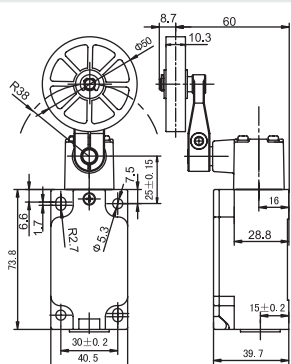
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SND6105-SP- _	SP	→ snap action	1NO+1NC
SND6105-SL- _	SL	→ slow action	1NO+1NC BBM

SND6108



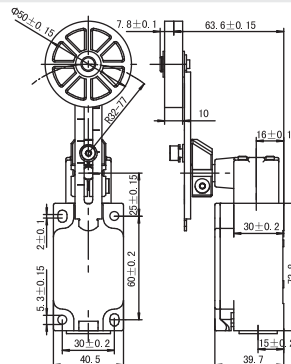
Order Code	Contact block		
SND6108-SP- _	SP	→ snap action	1NO+1NC
SND6108-SL- _	SL	→ slow action	1NO+1NC BBM
SND6108-SL1- _	SL1	→ slow action	1NO+1NC MBB
SND6108-SL2- _	SL2	→ slow action	2NC

SND6114



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

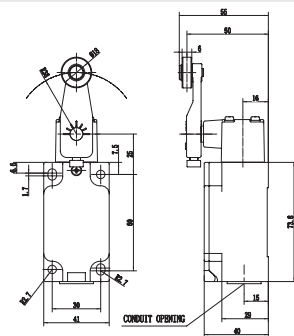
SND6118



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

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

SND6104(AB)

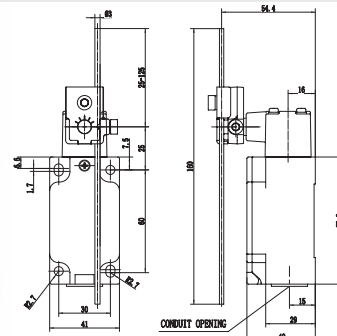


Order Code

Contact block

SND6104-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6104-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM
SND6104-SL1-_(AB)	SL1	⊕	slow action	1NO+1NC MBB
SND6104-SL2-_(AB)	SL2	⊕	slow action	2NC

SND6107(AB)

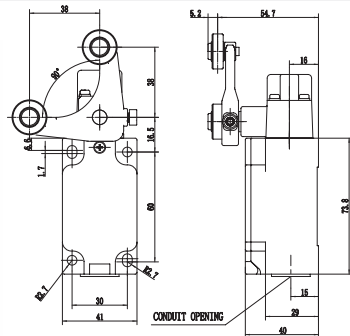


Order Code

Contact block

SND6107-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6107-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM
SND6107-SL1-_(AB)	SL1	⊕	slow action	1NO+1NC MBB
SND6107-SL2-_(AB)	SL2	⊕	slow action	2NC

SND6105(AB)

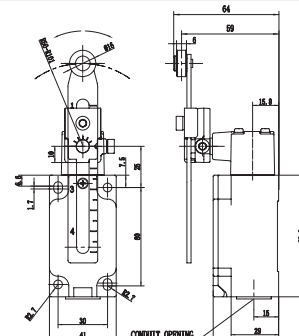


Order Code

Contact block

SND6105-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6105-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM

SND6108(AB)

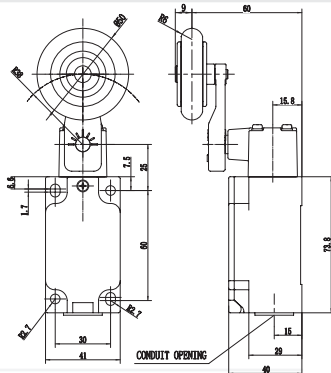


Order Code

Contact block

SND6108-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6108-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM
SND6108-SL1-_(AB)	SL1	⊕	slow action	1NO+1NC MBB
SND6108-SL2-_(AB)	SL2	⊕	slow action	2NC

SND6114(AB)

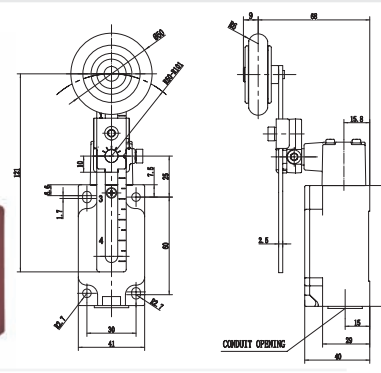


Order Code

Contact block

SND6114-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6114-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM
SND6114-SL1-_(AB)	SL1	⊕	slow action	1NO+1NC MBB
SND6114-SL2-_(AB)	SL2	⊕	slow action	2NC

SND6118(AB)



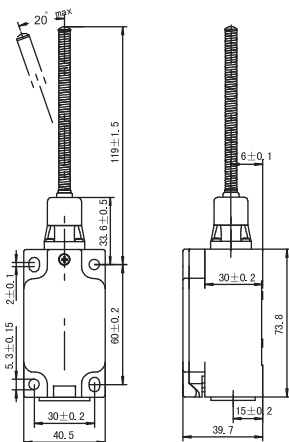
Order Code

Contact block

SND6118-SP-_(AB)	SP	⊕	snap action	1NO+1NC
SND6118-SL-_(AB)	SL	⊕	slow action	1NO+1NC BBM
SND6118-SL1-_(AB)	SL1	⊕	slow action	1NO+1NC MBB
SND6118-SL2-_(AB)	SL2	⊕	slow action	2NC

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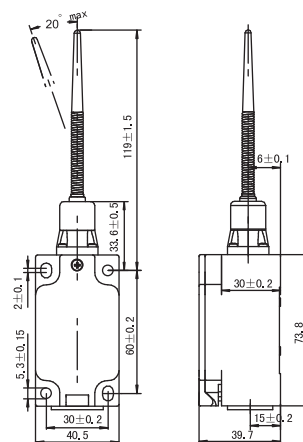
SND6100



Order Code

SND6100-SP- _ SP snap action 1NO+1NC

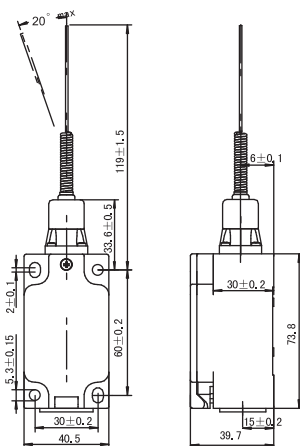
SND6166



Order Code

SND6166-SP- _ SP snap action 1NO+1NC

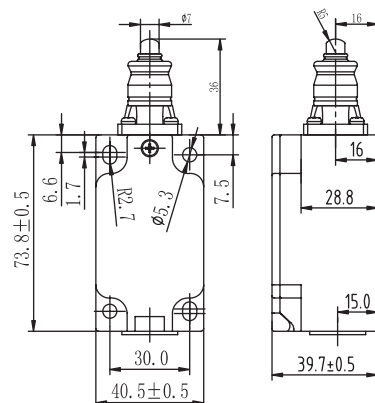
SND6169



Order Code

SND6169-SP- _ SP snap action 1NO+1NC

SND6111-L



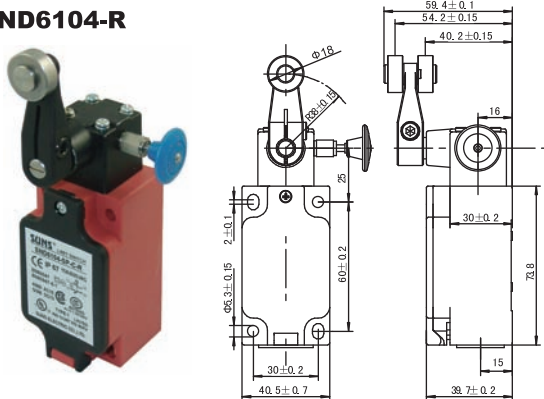
Order Code

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

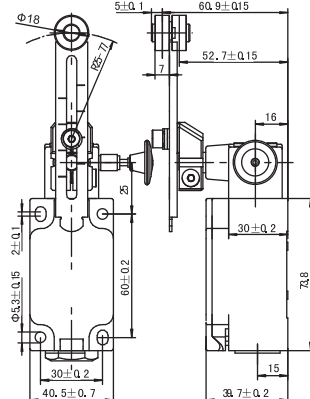
GLOBAL STYLE SAFETY LIMIT SWITCHES (Plastic Bodied EN50041 TYPE) SND6 SERIES (SINGLE CONDUIT ENTRY WITH RESET)

SND6104-R



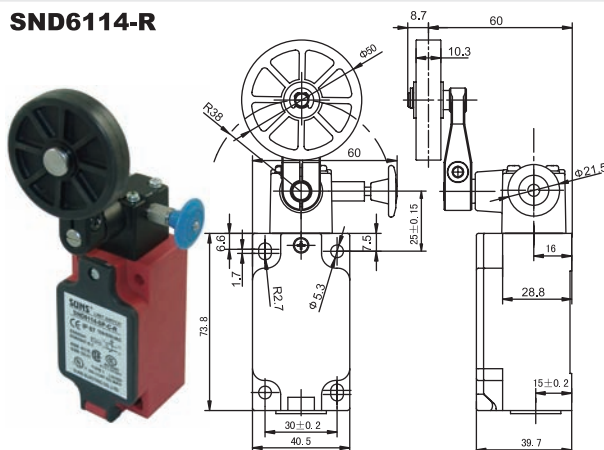
Order Code	Contact block
SND6104-SP- _R	SP snap action 1NO+1NC
SND6104-SL- _R	SL slow action 1NO+1NC BBM
SND6104-SL1- _R	SL1 slow action 1NO+1NC MBB
SND6104-SL2- _R	SL2 slow action 2NC

SND6108-R



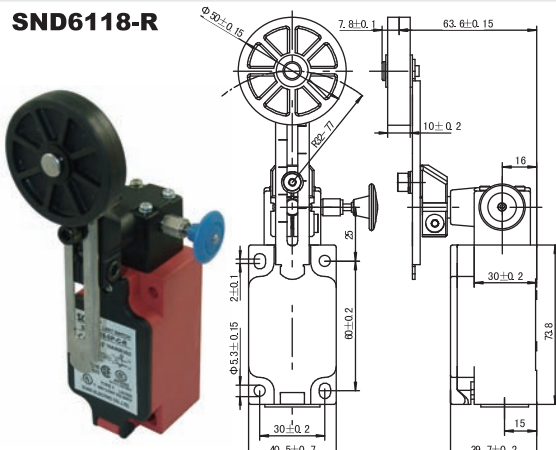
Order Code	Contact block
SND6107-SP- _R	SP snap action 1NO+1NC
SND6107-SL- _R	SL slow action 1NO+1NC BBM
SND6107-SL1- _R	SL1 slow action 1NO+1NC MBB
SND6107-SL2- _R	SL2 slow action 2NC

SND6114-R



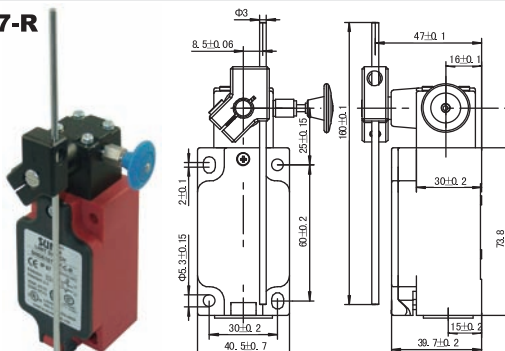
Order Code	Contact block
SND6114-SP- _R	SP snap action 1NO+1NC
SND6114-SL- _R	SL slow action 1NO+1NC BBM
SND6114-SL1- _R	SL1 slow action 1NO+1NC MBB
SND6114-SL2- _R	SL2 slow action 2NC

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

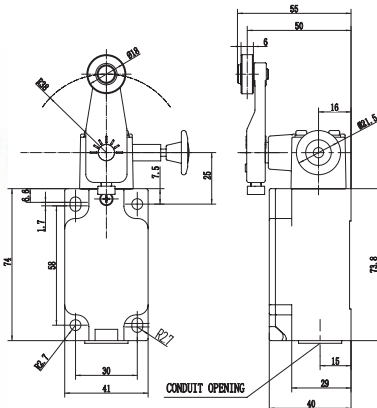
SND6107-R



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

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

SND6104-R(AB)

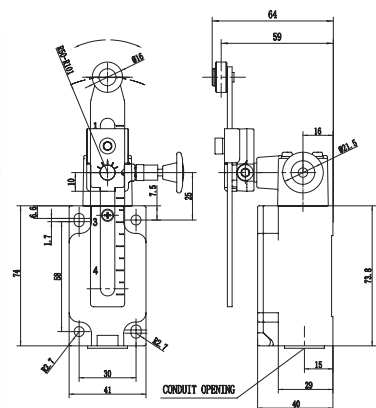


Order Code

Contact block

SND6104-SP- _R(AB)	SP		snap action	1NO+1NC
SND6104-SL- _R(AB)	SL		slow action	1NO+1NC BBM
SND6104-SL1- _R(AB)	SL1		slow action	1NO+1NC MBB
SND6104-SL2- _R(AB)	SL2		slow action	2NC

SND6108-R(AB)

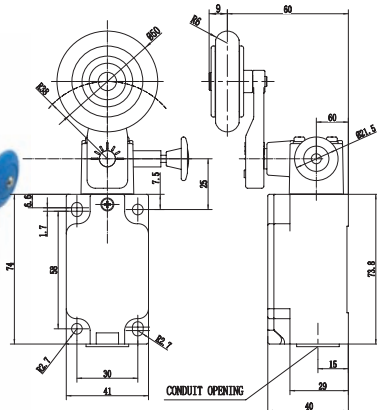


Order Code

Contact block

SND6107-SP- _R(AB)	SP		snap action	1NO+1NC
SND6107-SL- _R(AB)	SL		slow action	1NO+1NC BBM
SND6107-SL1- _R(AB)	SL1		slow action	1NO+1NC MBB
SND6107-SL2- _R(AB)	SL2		slow action	2NC

SND6114-R(AB)

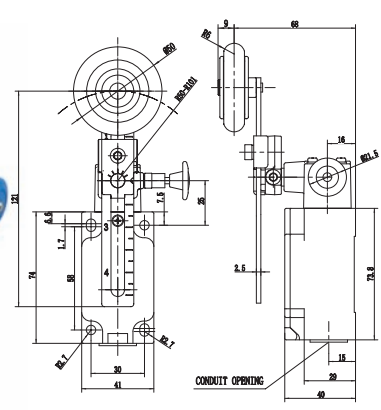


Order Code

Contact block

SND6114-SP- _R(AB)	SP		snap action	1NO+1NC
SND6114-SL- _R(AB)	SL		slow action	1NO+1NC BBM
SND6114-SL1- _R(AB)	SL1		slow action	1NO+1NC MBB
SND6114-SL2- _R(AB)	SL2		slow action	2NC

SND6118-R(AB)

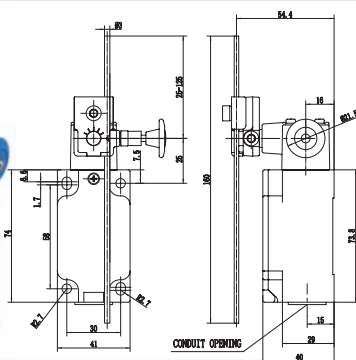


Order Code

Contact block

SND6118-SP- _R(AB)	SP		snap action	1NO+1NC
SND6118-SL- _R(AB)	SL		slow action	1NO+1NC BBM
SND6118-SL1- _R(AB)	SL1		slow action	1NO+1NC MBB
SND6118-SL2- _R(AB)	SL2		slow action	2NC

SND6107-R(AB)



Order Code

Contact block

SND6107-SP- _R(AB)	SP		snap action	1NO+1NC
SND6107-SL- _R(AB)	SL		slow action	1NO+1NC BBM
SND6107-SL1- _R(AB)	SL1		slow action	1NO+1NC MBB
SND6107-SL2- _R(AB)	SL2		slow action	2NC

See page 9 and page 10 for additional heads