GLOBAL STYLE SAFETY LIMIT SWITCHES (PLASTIC BODIED EN50047 COMPATIBLE)

SND2 SERIES (2 - CONDUIT ENTRIES)

Such a reasonable cost, more and more enterprises choose SUNS for their products



Features

- Glass fiber reinforced plastic body
- 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 50047 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)
	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 x10^7 (operations) Electrically 5 x10^5 (operations)
Operating Temperature	-25~+80°C (-13~176°F) with no icing
Humidity	< 95%RH
Weight	59-109g
Degree of Protection	IP67

Selection Guide:

SND21 (Body Styles) 04 (Head Styles) SP - C (Conduits) - R

SP:
- 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:
- A: 1/2"NPT
- B: PG13.5
- C: M20
- D: M16
- B1: PG11

R:
- Blank
- R: with Reset

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Available contact blocks and travel diagrams

ON OFF

Plunger type
11,12,31,32 styles

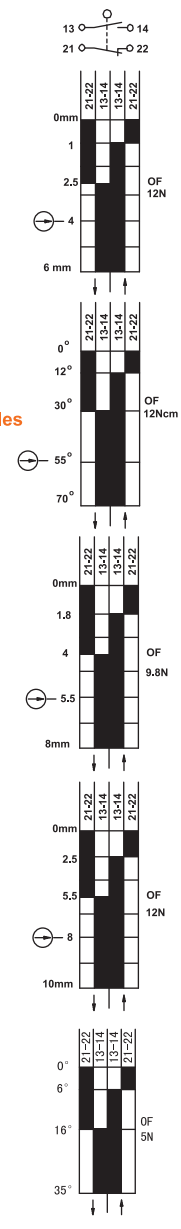
Side rotary type
04, 07, 08, 14, 18 Styles

62, 63 styles

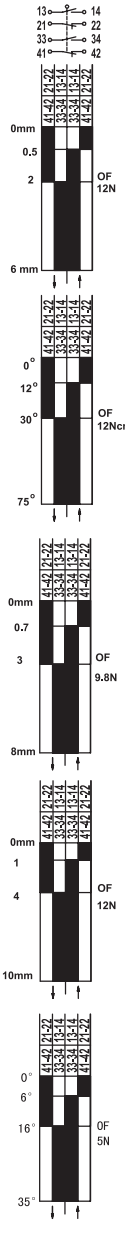
72, 73 styles

00, 66,69 styles

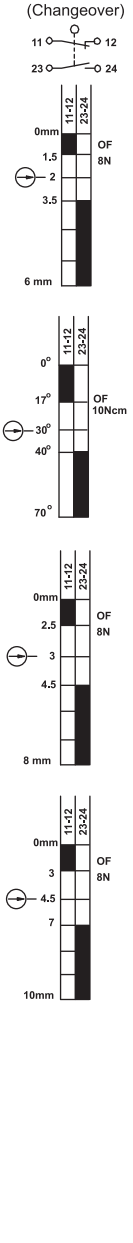
SP
1NO/1NC
Snap Action



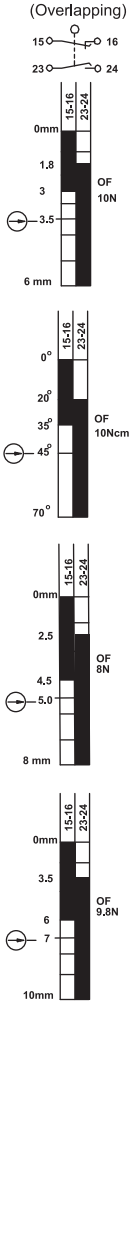
SPT
2NO/2NC
Snap Action



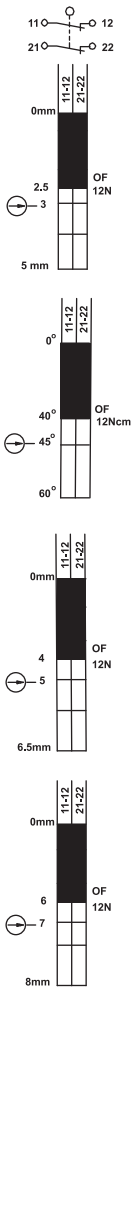
SL
1NO/1NC
Slow Action
(Changeover)



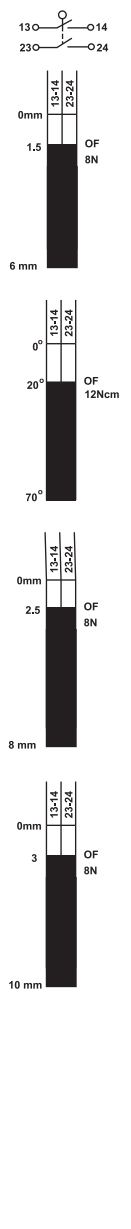
SL1
1NO/1NC
Slow Action
(Overlapping)



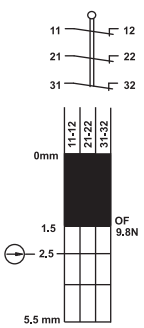
SL2
2NC
Slow Action



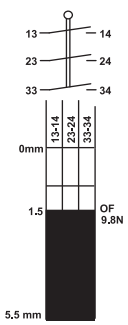
SL3
2NO
Slow Action



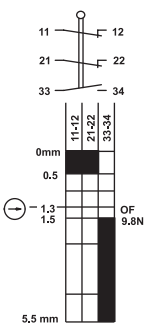
SL4
3NC
Slow Action



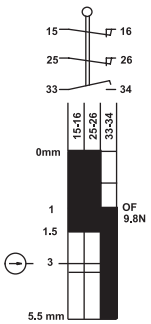
SL5
3NO
Slow Action



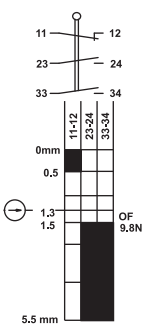
SL6
2NC/1NO
Slow Action
(Changeover)



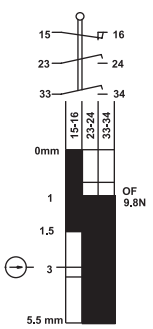
SL7
2NC/1NO
Slow Action
(Overlapping)



SL8
1NC/2NO
Slow Action
(Changeover)



SL9
1NC/2NO
Slow Action
(Overlapping)



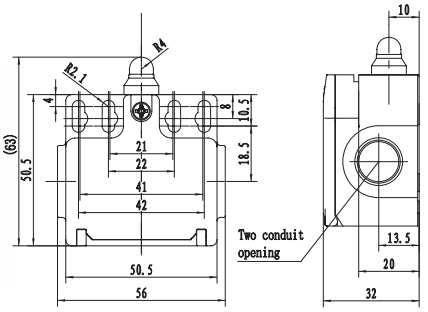
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GLOBAL STYLE SAFETY LIMIT SWITCHES (PLASTIC BODIED EN50047 COMPATIBLE)

SND2 SERIES (2 - CONDUIT ENTRIES)

SND2111

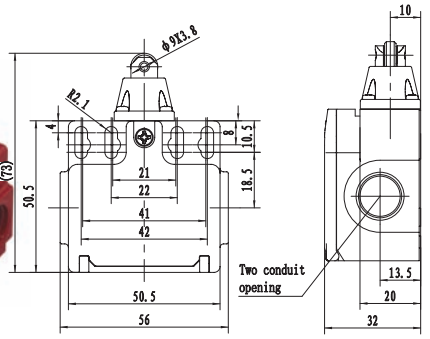




Order Code		Contact block		
SND2111-SP-_	SP	snap action	1NO+1NC	
SND2111-SL-_	SL	slow action	1NO+1NC	BBM
SND2111-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2111-SL2-_	SL2	slow action	2NC	

SND2112

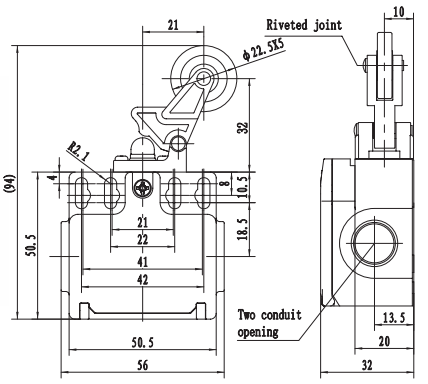




Order Code		Contact block		
SND2112-SP-_	SP	snap action	1NO+1NC	
SND2112-SL-_	SL	slow action	1NO+1NC	BBM
SND2112-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2112-SL2-_	SL2	slow action	2NC	

SND2172

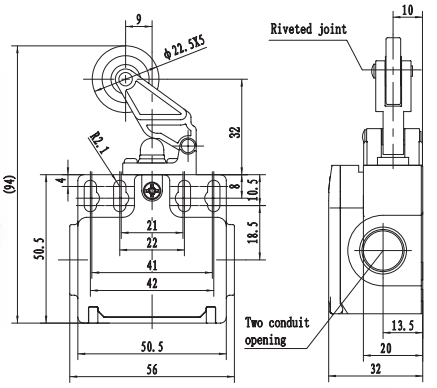




Order Code		Contact block		
SND2172-SP-_	SP	snap action	1NO+1NC	
SND2172-SL-_	SL	slow action	1NO+1NC	BBM
SND2172-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2172-SL2-_	SL2	slow action	2NC	

SND2173

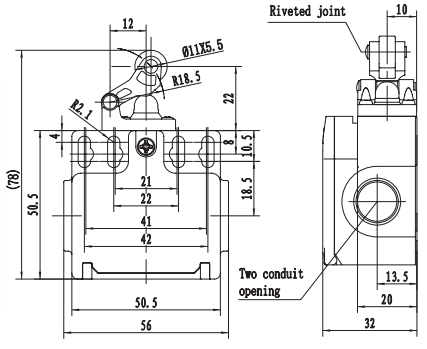




Order Code		Contact block		
SND2173-SP-_	SP	snap action	1NO+1NC	
SND2173-SL-_	SL	slow action	1NO+1NC	BBM
SND2173-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2173-SL2-_	SL2	slow action	2NC	

SND2162

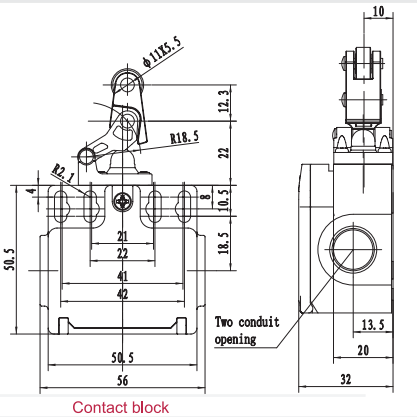




Order Code		Contact block		
SND2162-SP-_	SP	snap action	1NO+1NC	
SND2162-SL-_	SL	slow action	1NO+1NC	BBM
SND2162-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2162-SL2-_	SL2	slow action	2NC	

SND2163





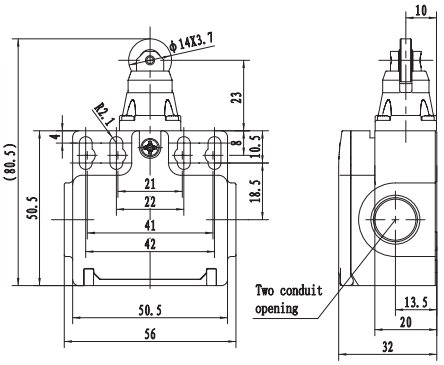
Order Code		Contact block		
SND2163-SP-_	SP	snap action	1NO+1NC	
SND2163-SL-_	SL	slow action	1NO+1NC	BBM
SND2163-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2163-SL2-_	SL2	slow action	2NC	

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SND2 SERIES (2 - CONDUIT ENTRIES)

SND2112-L

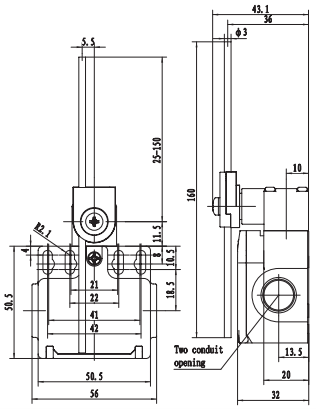




Order Code	Contact block			
SND2112-SP- _L	SP	snap action	1NO+1NC	
SND2112-SL- _L	SL	slow action	1NO+1NC	BBM
SND2112-SL1- _L	SL1	slow action	1NO+1NC	MBB
SND2112-SL2- _L	SL2	slow action	2NC	

SND2107

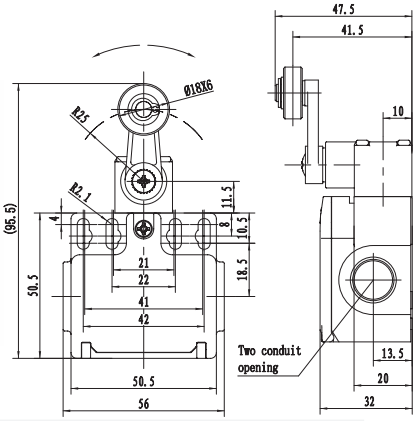




Order Code	Contact block			
SND2107-SP- _	SP	snap action	1NO+1NC	
SND2107-SL- _	SL	slow action	1NO+1NC	BBM
SND2107-SL1- _	SL1	slow action	1NO+1NC	MBB
SND2107-SL2- _	SL2	slow action	2NC	

SND2104

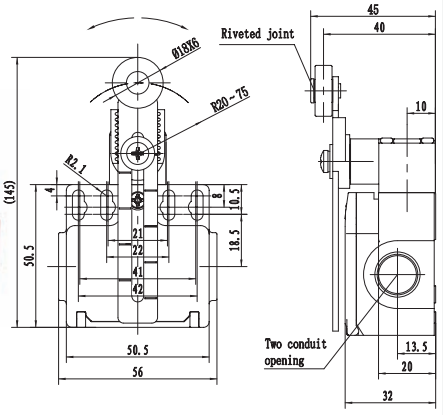




Order Code	Contact block			
SND2104-SP- _	SP	snap action	1NO+1NC	
SND2104-SL- _	SL	slow action	1NO+1NC	BBM
SND2104-SL1- _	SL1	slow action	1NO+1NC	MBB
SND2104-SL2- _	SL2	slow action	2NC	

SND2108

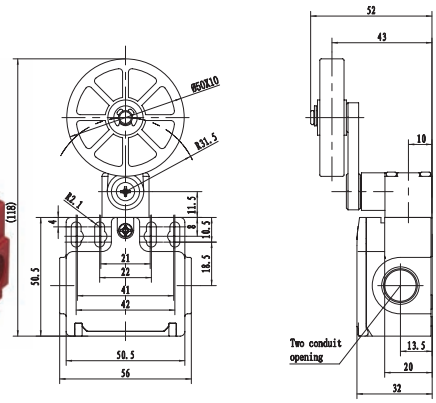




Order Code	Contact block			
SND2108-SP- _	SP	snap action	1NO+1NC	
SND2108-SL- _	SL	slow action	1NO+1NC	BBM
SND2108-SL1- _	SL1	slow action	1NO+1NC	MBB
SND2108-SL2- _	SL2	slow action	2NC	

SND2114

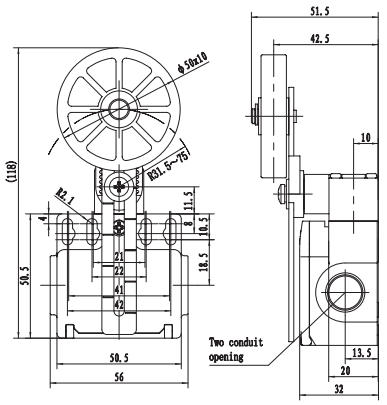




Order Code	Contact block			
SND2114-SP- _	SP	snap action	1NO+1NC	
SND2114-SL- _	SL	slow action	1NO+1NC	BBM
SND2114-SL1- _	SL1	slow action	1NO+1NC	MBB
SND2114-SL2- _	SL2	slow action	2NC	

SND2118





Order Code	Contact block			
SND2118-SP- _	SP	snap action	1NO+1NC	
SND2118-SL- _	SL	slow action	1NO+1NC	BBM
SND2118-SL1- _	SL1	slow action	1NO+1NC	MBB
SND2118-SL2- _	SL2	slow action	2NC	

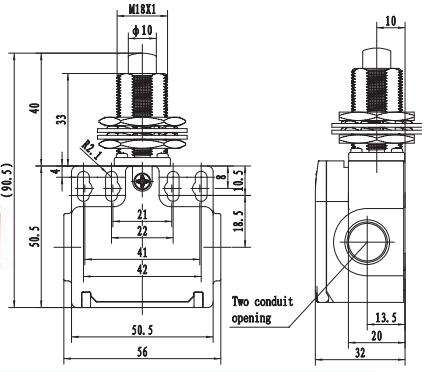
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GLOBAL STYLE SAFETY LIMIT SWITCHES (PLASTIC BODIED EN50047 COMPATIBLE)

SND2 SERIES (2 - CONDUIT ENTRIES)

SND2131

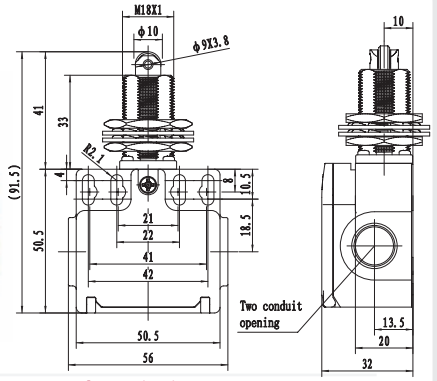




Order Code	Contact block			
SND2131-SP-_	SP	snap action	1NO+1NC	
SND2131-SL-_	SL	slow action	1NO+1NC	BBM
SND2131-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2131-SL2-_	SL2	slow action	2NC	

SND2132

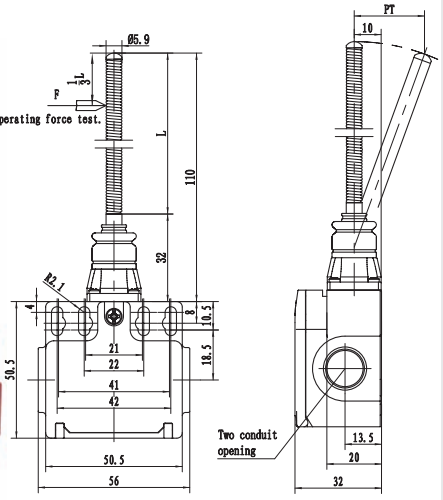




Order Code	Contact block			
SND2132-SP-_	SP	snap action	1NO+1NC	
SND2132-SL-_	SL	slow action	1NO+1NC	BBM
SND2132-SL1-_	SL1	slow action	1NO+1NC	MBB
SND2132-SL2-_	SL2	slow action	2NC	

SND2100

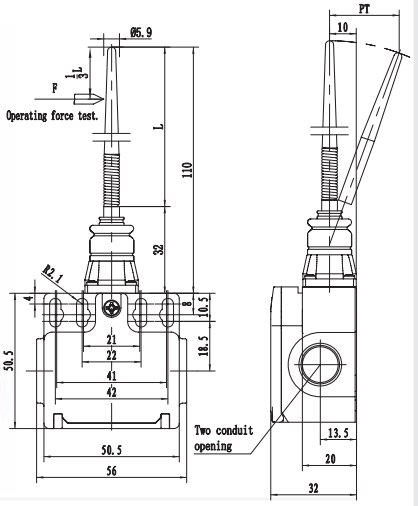




Order Code			
SND2100-SP-_	SP	snap action	1NO+1NC

SND2166

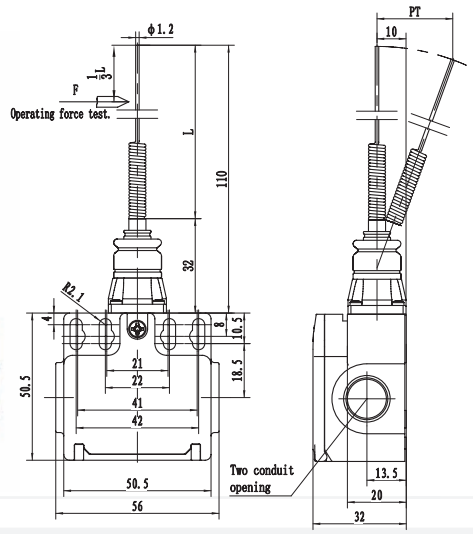




Order Code			
SND2166-SP-_	SP	snap action	1NO+1NC

SND2169



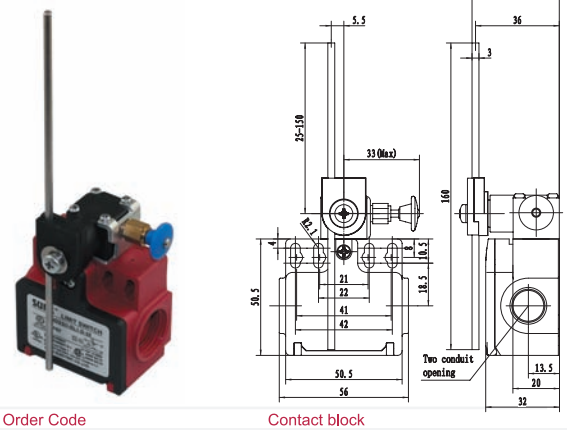


Order Code			
SND2169-SP-_	SP	snap action	1NO+1NC

GLOBAL STYLE SAFETY LIMIT SWITCHES (PLASTIC BODIED EN50047 COMPATIBLE)

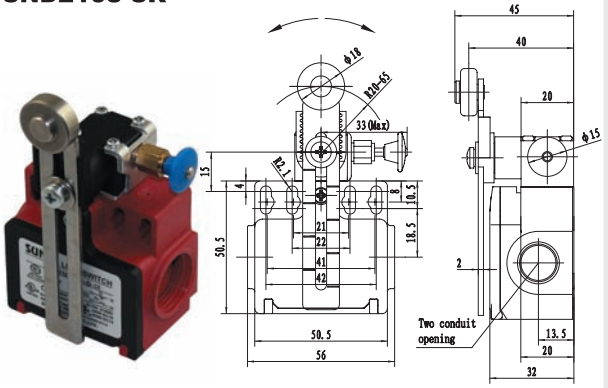
SND2 SERIES (2 - CONDUIT ENTRIES WITH RESET)

SND2107-SR



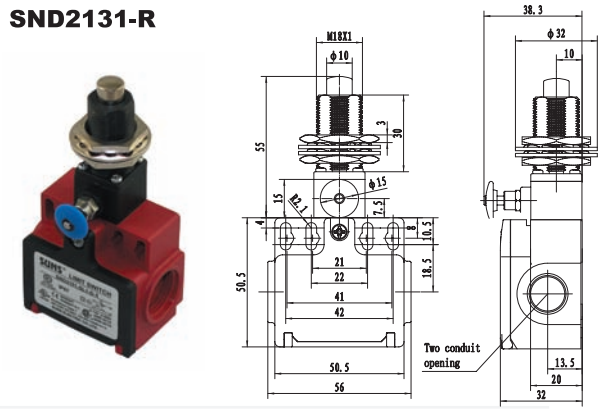
Order Code	Contact block			
SND2107-SP- _SR	SP	→	snap action	1NO+1NC
SND2107-SL- _SR	SL	→	slow action	1NO+1NC BBM
SND2107-SL1- _SR	SL1	→	slow action	1NO+1NC MBB
SND2107-SL2- _SR	SL2	→	slow action	2NC

SND2108-SR



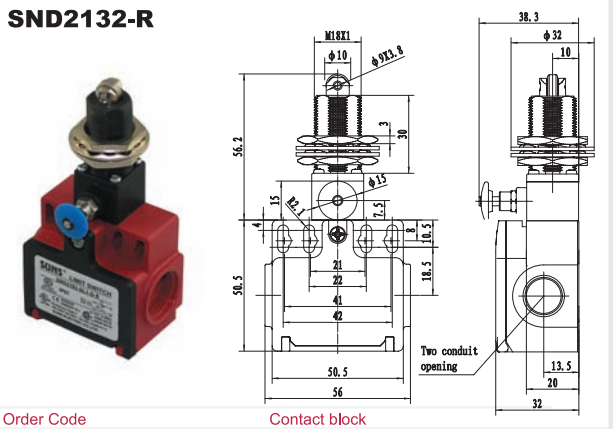
Order Code	Contact block			
SND2108-SP- _SR	SP	→	snap action	1NO+1NC
SND2108-SL- _SR	SL	→	slow action	1NO+1NC BBM
SND2108-SL1- _SR	SL1	→	slow action	1NO+1NC MBB
SND2108-SL2- _SR	SL2	→	slow action	2NC

SND2131-R



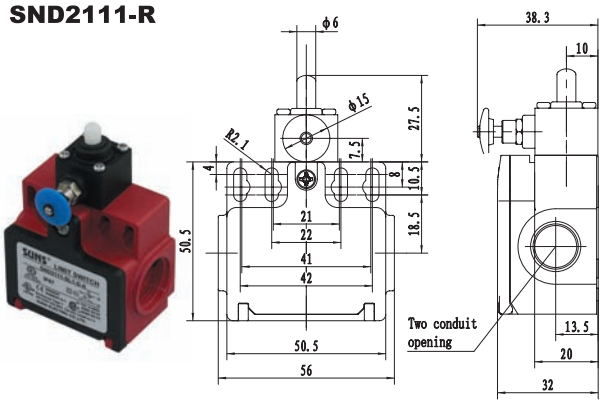
Order Code	Contact block			
SND2131-SP- _L - R	SP	→	snap action	1NO+1NC
SND2131-SL- _L - R	SL	→	slow action	1NO+1NC BBM
SND2131-SL1- _L - R	SL1	→	slow action	1NO+1NC MBB
SND2131-SL2- _L - R	SL2	→	slow action	2NC

SND2132-R



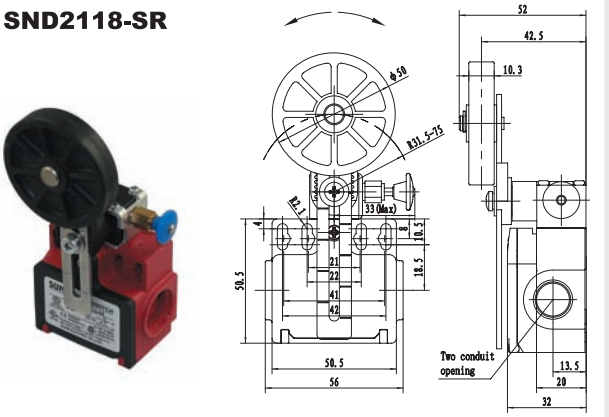
Order Code	Contact block			
SND2132-SP- _L - R	SP	→	snap action	1NO+1NC
SND2132-SL- _L - R	SL	→	slow action	1NO+1NC BBM
SND2132-SL1- _L - R	SL1	→	slow action	1NO+1NC MBB
SND2132-SL2- _L - R	SL2	→	slow action	2NC

SND2111-R



Order Code	Contact block			
SND2111-SP- _L - R	SP	→	snap action	1NO+1NC
SND2111-SL- _L - R	SL	→	slow action	1NO+1NC BBM
SND2111-SL1- _L - R	SL1	→	slow action	1NO+1NC MBB
SND2111-SL2- _L - R	SL2	→	slow action	2NC

SND2118-SR



Order Code	Contact block			
SND2118-SP- _ SR	SP	→	snap action	1NO+1NC
SND2118-SL- _ SR	SL	→	slow action	1NO+1NC BBM
SND2118-SL1- _ SR	SL1	→	slow action	1NO+1NC MBB
SND2118-SL2- _ SR	SL2	→	slow action	2NC

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