

METAL-BODIED LIMIT SWITCHES: SN6 SERIES

Features:

- Aluminum body and lid
- Snap action or slow make & break contacts
- Galvanically separated contacts
- Positive Opening of NC contacts
- 4 x 90° actuator positions
- Cable entry available: M 20, PG13.5 and 1/2"NPT
- Conform to EN 50041 standard

Mounting Advantages:

- Increased wiring space
- Screw terminals with self-lifting clamps for easy wiring
- Easily exchangeable contact block with latch holding device
- Earth grounding surface on same level as switching system
- Fine adjustment of switching point via adjusting screw

Specifications

Operating Speed	0.05mm-2m/sec
Operating Frequency	Mechanical: 120ops/min Electrical: 30 ops/min
Insulation Resistance	>100MΩ@500V DC
Contact Resistance	<25mΩ
Rated Voltage	600V AC (EN60947-5-1)
Rated Thermal Current	10A
Electrical Rating (UL, cUL Approved)	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 1.5 x 10 ⁷ (operations) Electrically 5 x 10 ⁵ (operations)
Operating Temperature	-10~+80°C (14~176°F)
Humidity	< 95%RH
Weight	400-450g
Degree of Protection	IP67

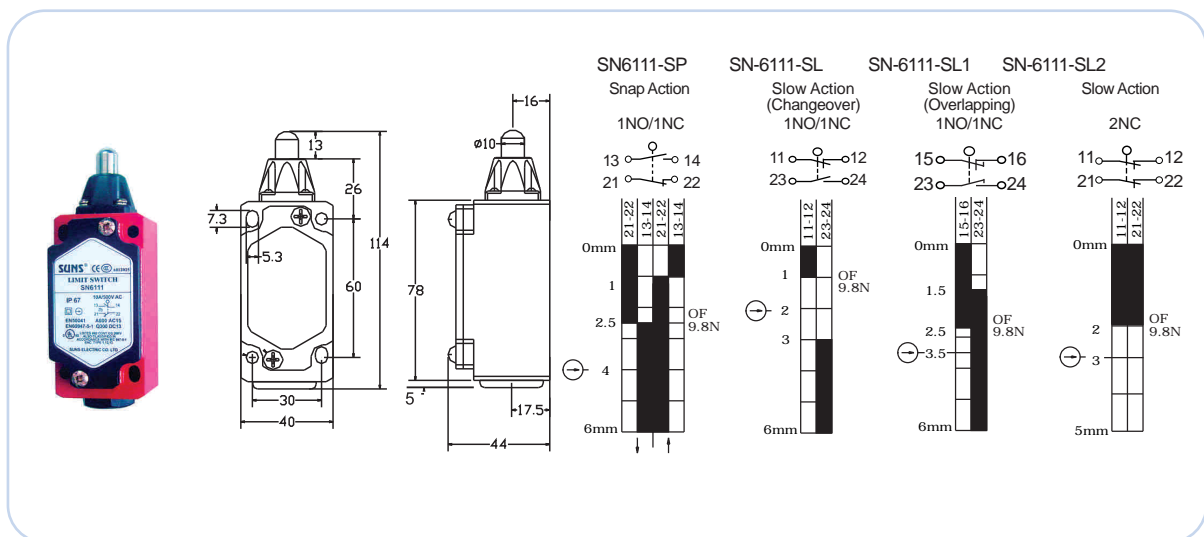
Definitions of Operating Characteristics

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




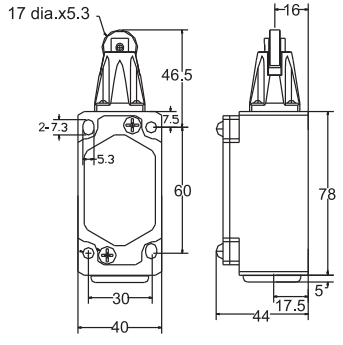
Dimensions

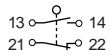
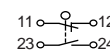
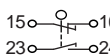
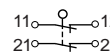
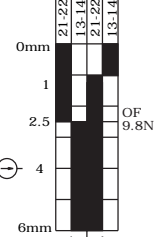
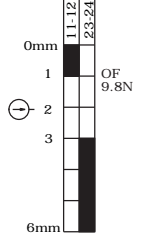
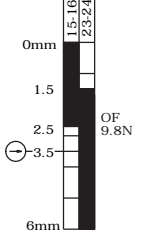
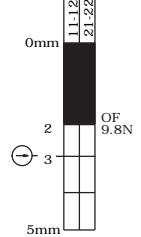
Unit:mm




SN6111

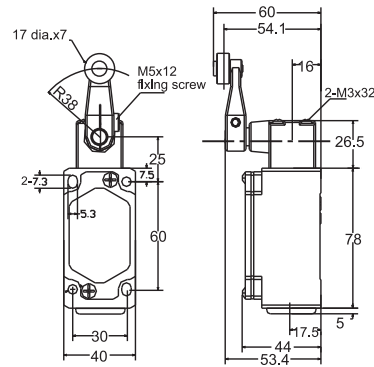


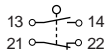
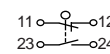
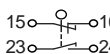
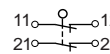
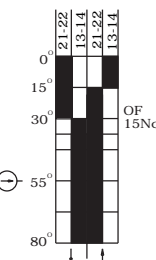
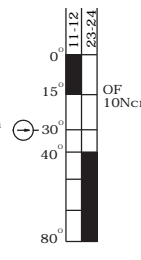
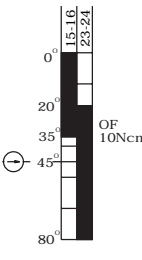
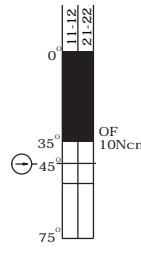


SN-6112-SP Snap Action 1NO/1NC	SN-6112-SL Slow Action (Changeover) 1NO/1NC	SN-6112-SL1 Slow Action (Overlapping) 1NO/1NC	SN-6112-SL2 Slow Action 2NC
			
			


SN6112

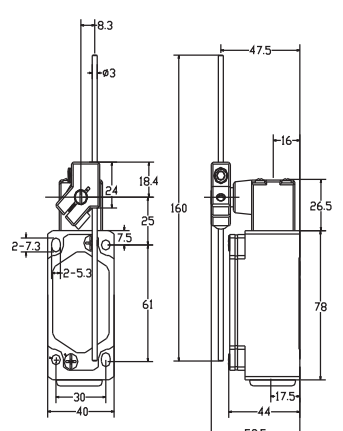


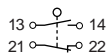
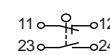

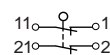
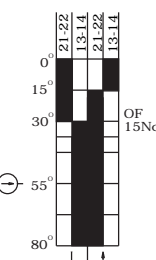
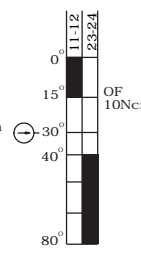
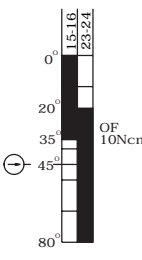
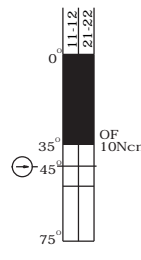


SN-6104-SP Snap Action 1NO/1NC	SN-6104-SL Slow Action (Changeover) 1NO/1NC	SN-6104-SL1 Slow Action (Overlapping) 1NO/1NC	SN-6104-SL2 Slow Action 2NC
			
			

SN6104





SN-6107-SP Snap Action 1NO/1NC	SN-6107-SL Slow Action (Changeover) 1NO/1NC	SN-6107-SL1 Slow Action (Overlapping) 1NO/1NC	SN-6107-SL2 Slow Action 2NC
			
			

SN6107

METAL-BODIED LIMIT SWITCHES: SN6 SERIES



SN-6108-SP
Snap Action
1NO/1NC

SN-6108-SL
Slow Action (Changeover)
1NO/1NC

SN-6108-SL1
Slow Action (Overlapping)
1NO/1NC

SN-6108-SL2
Slow Action

SN6108

SN-6100-SP
Snap Action
1NO/1NC

SN6100

Head choice:

Operating Force (OF) 10N
Pretravel max (PT) 55°
Overtravel (OT) 35°
Movement until level reverse: 50 ± 5°

SN6105