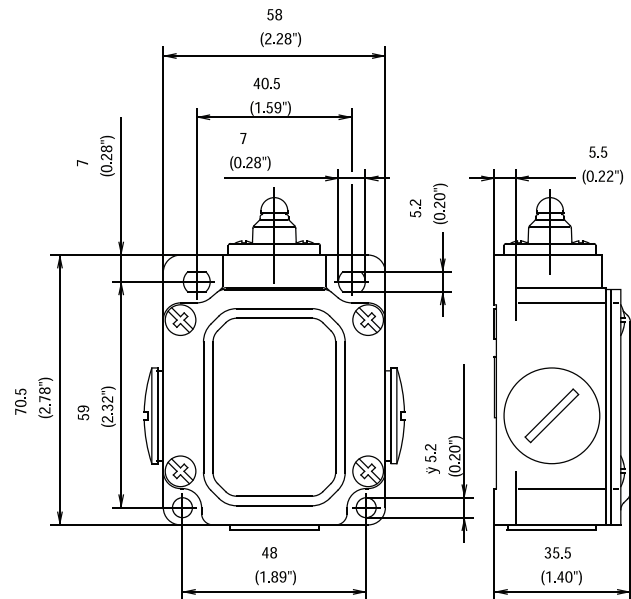


SN2 Series



Recommended use

With its three cable entries and large connection area, the SN2 limit switch is an ideal solution for series-wiring or branch circuits. The rugged metal body is designed to provide safety or position monitoring in harsh environments.

Product advantages

- Protection class IP65 to VDE 0470 T1
- Enclosure: Aluminum pressure die-casting
- Cover: Sheet aluminum
- Actuator can be repositioned by 4 x 90°
- Cable entry 3x M20 x 1.5
- Connection designation conforming to DIN EN 50013
- Metal actuators for high loads
- Graduated adjustment of AH lever
- Selectable direction-dependent contact-making of AH actuator (basic setting: contact-making both sides)

Options

- AS interface versions on request
- Preassembled with customer-specific cables and connectors on request

Design layout

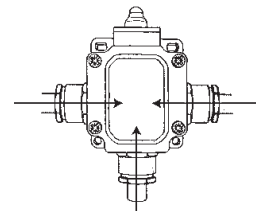
- Slow-action and snap-action contacts
- Versions: 1 NC / 1NO, 2 NC
- All NC contacts with \ominus in the circuit diagram are positively opening contacts
- Type: Zb (galvanically isolated changeover contact)
- Latching function on request

Mounting

- 2 adjustment slots for M5 screws
- 2 addition holes for M5 mounting screws in safety applications

Installation advantages

- 3 cable entries for through-wiring
- Large internal connection space
- Screw connections with clamping plates
- Easy-to-change switching system thanks to snap-in retainer
- Finely adjustable switching point with adjusting screw



Technical data

Electrical data		
Rated insulation voltage	U _i max.	400 V AC
Conventional thermal current	I _{th}	10 A
Rated operating voltage	U _e max.	240 V
Utilization category	10 x 10 ⁸ switching cycles	
Short-circuit protection (up to) ¹	Fuse 10 A gL/gG	
Protection class	I	
Mechanical data		
Enclosure material	Aluminum pressure die-casting	
Ambient temperature	-30 °C to +80 °C	
Mechanical service life	10 x 10 ⁸ switching cycles	
B10d (up to) ¹	20 Mill.	
Switching frequency	max. 100/min.	
Type of connection	Screw connections	
Conductor cross sections	Single-wire 0.5 - 1.5 mm ² or Stranded wire with ferrule 0.5 - 1.5 mm ²	
Cable entry	3 x M20 x 1.5	
Protection class	IP65 conforming to EN 60529, DIN VDE 0470 T1	
Standards		
conforming to EN 60947-1; EN 60947-5-1		

¹ Depending on switching system. See Table in Technical Section.