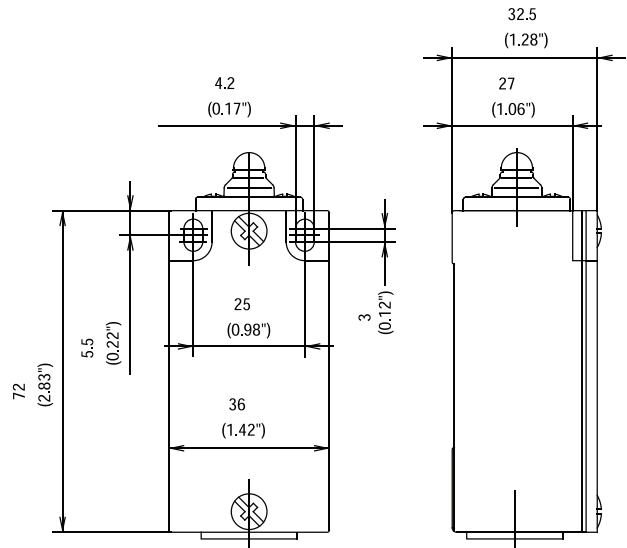


GC Series



Recommended use

Thanks to its compact design, this metal-enclosed switch is ideally suited for safety and position monitoring applications.


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 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/2 NO, 2 NC, overlapping contacts
- All NC contacts marked with  symbol in the circuit diagram are positively opening
- Type: Zb (galvanically isolated changeover contact)
- Latching function on request

Mounting

- 2 adjustment slots for M4 screws (for safety applications with blind hole for \varnothing 4.0 mm fitted pin in enclosure base or enclosure with holes for M5)

Installation advantages

- Screw connections with clamping plates
- Captive cover screws
- Easy-to-change switching system thanks to snap-in retainer
- Finely adjustable switching point with adjusting screw

Technical data

Electrical data	
Rated insulation voltage (up to) ¹	U _i max. 400 V AC
Conventional thermal current (up to) ¹	I _{thc} 10 A
Rated operating voltage	U _e max. 240 V
Utilization category (up to) ¹	AC-15, U _e /I _c 240 V/3 A
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 (up to) ¹	10 x 10 ⁶ switching cycles
B10d (up to) ¹	20 Mill.
Switching frequency	≤ 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	1 x M20 x 1.5
Protection class	IP65 conforming to IEC/EN 60529
Standards	
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1	
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1	

¹ Depending on switching system.

Drawing dimensions in mm