

Switch position indicators



Types:
PI 24, PI 25, PI 29, PI 36 (24-230 V DC)
PIR 24, PIR 25, PIR 29, PIR 36 (24-230 V AC)



Application

Switch position indicators are used to signal the switching state in electrical installations. They may be used both in schematic diagrams of switchgear and control gear and in measuring stations and control rooms or also in mosaic systems. The switch position indicators dispose of screw terminal for cable cross sections of up to 1.5 mm².

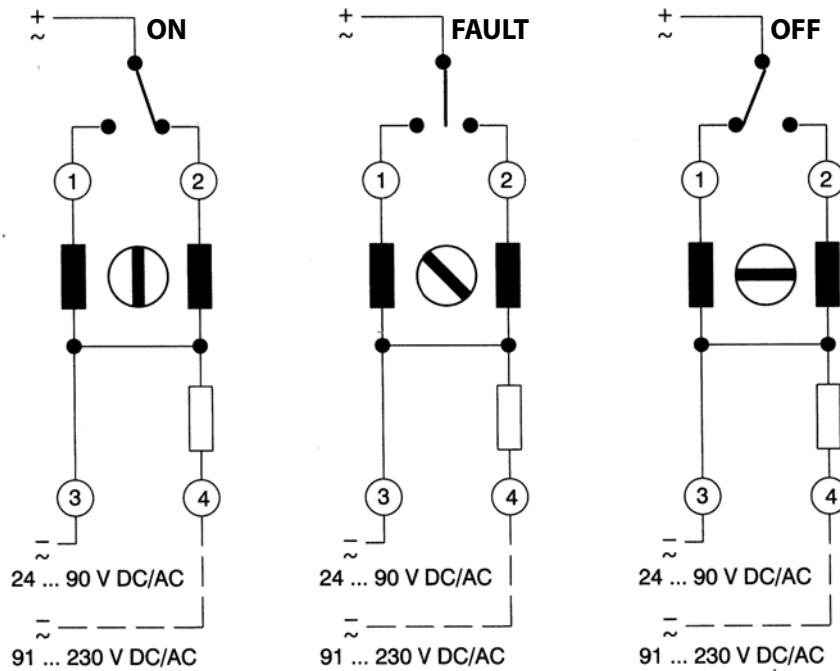


Function

The switch position indicators are equipped with a rotating magnet system. This guarantees a precise symbol position. With a rather low energy consumption, the heat development in the indicator is negligible. The coil of the system generates a magnetic field. The moving magnet is axially linked to the symbol. Pole shoes determine its position. An external reset is not required.



Connection



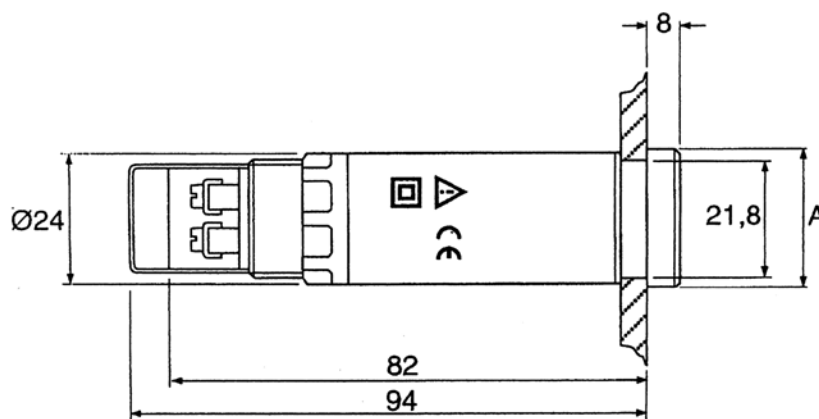


Technical data

Type	Round plastic housing with round or square front panel for cut-out installation in switchboards (PI / PIR 25/29/36) or mosaic panels (PI / PIR 24).
Housing material	Polycarbonat (self extinguishing acc. to UL 94 V-0)
Mounting position	Independent of position
Fastening	Union nut
Connection	Screw terminals up to 1,5 mm ² with accidental-contact protection
IP code	IP 54
Types PI...	Direct voltage 24-230 V
Types PIR...	Alternating voltage 24-230 V
Power input	0,4 W at 110 V, 1,4 W at 230 V
Test voltage	3,7 kV
Frequency range	(for alternating voltage) 40 Hz to 10 kHz
Max. voltage fluctuation	± 20 %
Temperature range	-25 °C to +20 °C to +30 °C to +50 °C

Dimensions

Types	PI 24 / PIR 24	PI 25 / PIR 25	PI 29 / PIR 29	PI 36 / PIR 36
Front frame	□ 24	□ 25	Ø 29	□ 36
Housing	Ø 21,8	Ø 21,8	Ø 21,8	Ø 21,8
Instal. depth	94	94	94	94
Cut-out	Ø 22	Ø 22	Ø 22	Ø 22
Weight (kg)	0,1	0,1	0,12	0,12



Types and variants

- PI 24 / PI 25 / PI 29
- PI 36
- PIR 24 / PIR 25 / PIR 29
- PIR 36