

Position Indicators

Simulation working state indicators

Our range of position indicators is designed for use in indicator panels and mimic panels. Position indicators for electrical circuit breakers and isolators are available with indicator discs in 'Bar', 'Angle' and 'Disconnecter' designs.

Indicator discs for valves are available in 'Amber-White' and 'Red-Green' formats. A moving-magnet system is used, ensuring high precision of movement of the indicator disc while keeping the power consumption low.



Applications

- Distribution panels in power plants, substations and plant rooms
- Mimic panels for electrical systems, chemical and water industries
- Industrial plant rooms for commerce, institutions and industry

Benefits

- High accuracy and reliability through use of moving-magnet system
- Low power consumption
- No need for external setting of 'zero' position
- Easy to fit, using sleeve and nut

Features

- Available in AC and DC variants
- 'Bar', 'Angle' and 'Disconnecter' formats for circuit breakers and isolators
- 'Amber-White' and 'Red-Green' formats for valves
- Screw terminals for cables up to 1.5 mm²
- Available in a range of sizes: 24x24, 25x25, 36x36, Ø 29 and Ø 39 mm
- Provided with protection cover
- Polycarbonate enclosure (IP 54 rated)
- Wide Operating voltage range 24-230 VDC
- Suitable for panel thickness up to 12 mm
- Standards compliance
 - Personal safety EN 61010:1
 - Double isolated to Category III, Table D12
 - IEC 51, EN 50081-1, EN 50081-2, EN50082-1, EN50082-1, IEC 473

Position Indicators

Technical specifications

For DC Auxiliary Voltage

Type		□ PI 24	□ PI 25	○ PI 29	□ PI 36	○ PI 39
Front flange	mm	24 x 24	25 x 25	∅ 29	36 x 36	∅ 39
Housing	∅ mm	21.8	21.8	21.8	21.8	21.8
Voltage	V (DC)	24 - 230	24 - 230	24 - 230	24 - 230	24 - 230
Test voltage	kV	3.7	3.7	3.7	3.7	3.7
Power consumption	W	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4
Weight	kg (approx.)	0.1	0.1	0.12	0.15	0.15

For AC Auxiliary Voltage

Type		□ PIR 24	□ PIR 25	○ PIR 29	□ PIR 36	○ PIR 39
Front flange	mm	24 x 24	25 x 25	∅ 29	36 x 36	∅ 39
Housing	∅ mm	21.8	21.8	21.8	21.8	21.8
Voltage	V (AC)	24 - 230	24 - 230	24 - 230	24 - 230	24 - 230
Test voltage	kV	3.7	3.7	3.7	3.7	3.7
Power consumption	VA	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4	0.4 / 1.4
Weight	kg (approx.)	0.1	0.1	0.12	0.15	0.15

Connection diagrams

Connection 3 = 24-90 V DC/AC
Connection 4 = 91-230 V DC/AC

