

Product sheet

4P Compact NB 100 A switch

Brand: SCHNEIDER

Reference: IMPO 31161



ComPact range compact 4P switch switch, designed for industrial applications with nominal operating voltage up to 690 V AC and 250 V DC. It has visible cutting, position indicator and 30 kA short circuit capacity.

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Description

Compact Interpact INV100 4P switch, designed for industrial applications in AC networks and DC current.

Technical characteristics

- Number of poles: 4P
- Network type: AC Continuous current
- Network frequency: 50/60 Hz
- Handle colour: Black
- Nominal current of employment: 100 A (AC-21A, AC-22A, AC-23A, DC-21A, DC-22A, DC-23B)
- Nominal insulation voltage: 750 V AC 50/60 Hz
- Voltage peak resistance: 8 kV
- Conventional thermal current: 100 A at 60 °C
- Nominal short circuit capacity: 30 kA (selector switch only) / 330 kA (with upstream automatic switch)
- Nominal operating voltage: 690 V AC 50/60 Hz, 250 V DC current
- Sewing power: Yes
- Contact position indicator: Yes
- Visible cut: Yes
- Degree of contamination: 3
- Type of control: Rotary Command
- Type of assembly: Fixed
- Mounting bracket: Rail plate

- Top connection: Front
- Connection down: Front
- Maximum power: Up to 55 kW in 660/690 V AC
- Mechanical durability: 15000 cycles
- Electrical durability: 1500 cycles (AC-22A, AC-23A, DC-22A, DC-23A)
- Permissible temporal current: 1.8 kA (30 s), 2.2 kA (20 s), 4.9 kA (3 s), 8.5 kA (1 s)
- Connection step: 45 mm
- Height: 136 mm
- Width: 140 mm
- Depth: 96 mm
- Weight: 2.2 kg
- Degree of IP protection: IP40
- Level of protection IK: IK07
- Operating ambient temperature: -25...70 °C
- Storage ambient temperature: -50...85 °C
- Certifications: KEMA-KEUR, CCC
- Standards: En> 40 A Instant and demand values
- Sustainable supply status: Product Green Premium
- EU RoHS Directive: As per
- No mercury: Yes
- WEEE: Must be recycled according to specific system in the EU

Specifications

Frequency	50/60 Hz
Rated current (A)	100
Width	140 mm
Colour	Black
EAN	3303430311614
Manufacturer	SCHNEIDER
Range	Industrial
No. of poles	4P
Weight (kg)	2,2 kg
Depth	96 mm
Protection	IP40
Rated voltage	250
Nominal voltage (V)	690 V AC 50/60 Hz, 250 V corriente continua
Current type	AC

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