

Product sheet

3P 100 A ComPact Isolating Switch

Brand: SCHNEIDER

Reference: IMPO 31100



ComPact range 3P section switch, with 100 A rated current, 750 V AC insulation voltage, 30 kA short circuit capacity, fixed design with DIN rail mount, position indicator and rotary control.

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Description

ComPact range 3P section switch, designed for the safe disconnection of electrical circuits in industrial and commercial installations.

Technical characteristics

- Number of poles: 3P
- Network type: AC Continuous current
- Network frequency: 50/60 Hz
- Nominal current of employment: 100 A
- Nominal insulation voltage: 750 V AC 50/60 Hz
- Nominal operating voltage: 690 V AC 50/60 Hz / 250 V DC current
- Nominal short circuit capacity: 30 kA (selector switch only) / 330 kA with automatic upstream switch
- Conventional thermal current: 100 A at 60 °C
- Permissible temporal current: 1.8 kA (30 s), 2.2 kA (20 s), 4.9 kA (3 s), 8.5 kA (1 s)
- Mechanical durability: 15000 cycles
- Electrical durability: 1500 cycles (AC-22A, AC-23A, DC-22A, DC-23A)
- Sewing power: Yes
- Contact position indicator: Yes
- Visible cut: No
- Degree of contamination: 3
- Type of control: Rotary Command

- Handle colour: Black
- Type of assembly: Fixed
- Mounting bracket: Rail Plate
- Top connection: Front
- Connection down: Front
- Maximum power: 22 kW (220/240 V), 45 kW (380/415 V), 55 kW (440-690 V)
- Connection step: 35 mm
- Height: 136 mm
- Width: 140 mm
- Depth: 96 mm
- Weight: 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: CCC, KEMA-KEUR
- Standards: En> 40 A Instant and demand values
- EU RoHS Directive: As per
- No mercury: Yes
- Sustainable supply status: Product Green Premium
- REACH Regulation: Do not contain SVHC
- WEEE: To be discarded according to specific EU collection system

Specifications

Frequency	50/60 Hz
High	136 mm
Rated current (A)	100
Width	140 mm
Colour	Black
EAN	3303430311003
Manufacturer	SCHNEIDER
Range	Industrial
No. of poles	3P
Weight (kg)	2 kg
Depth	96 mm
Protection	IP40
Nominal voltage (V)	690 V AC

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