

Product sheet

Compact INS250 4-pole 250 A isolator switch

Brand: SCHNEIDER

Reference: IMPO 31127



Compact 4-pole, 250-A switch with red rotary control and yellow front, designed for industrial applications. It supports voltages up to 690 V AC and 250 V DC, with 30 kA short circuit capacity. It meets IEC 60947-3, IP40 and IK07 standards, and offers 15,000-cycle mechanical durability.

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Description

Compact 4-pole switch switch, designed for the safe disconnection of electrical circuits in industrial and commercial installations. Its red rotary and yellow front control allows a clear visual identification of the state of operation. It supports voltages up to 690 V AC and 250 V DC, with a short circuit capacity of 30 kA in nominal conditions.

Technical characteristics

- Number of poles: 4P
- Network type: AC Continuous current
- Network frequency: 50/60 Hz
- Nominal current (E): 250 A in AC-22A and AC-23A for voltages up to 690 V AC and 250 V DC
- Nominal insulation voltage (Ui): 750 V AC 50/60 Hz
- Conventional thermal current (Ith): 250 A at 60 °C
- Nominal short circuit capacity (icm): 30 kA (selector switch only) at 690 V AC 50/60 Hz
- Sewing power: Yes
- Contact position indicator: Yes
- Visible cut: No
- Degree of contamination: 3
- Type of control: Red and yellow rotary command
- Handle colour: Red
- Type of assembly: Fixed

- Mounting bracket: Rail Plate
- Top connection: Front
- Connection down: Front
- Maximum power: Up to 210 kW in 660/690 V AC 50/60 Hz (AC-23, status 1)
- Mechanical durability: 15000 cycles
- Electrical durability: 1500 cycles for AC-22A and AC-23A up to 690 V AC, and 1500 cycles for DC-22A and DC-23A at 250 V DC
- Permissible temporal current (I_{cw}): 1.8 kA (30 s), 2.2 kA (20 s), 4.9 kA (3 s), 8.5 kA (1 s)
- Connection step: 35 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: CCC, KEMA-KEUR
- EU RoHS Directive: As per
- No mercury: Yes
- Sustainable supply status: Product Green Premium
- REACH Regulation: Do not contain SVHC
- WEEE: Must be recycled according to specific system in the EU

Specifications

Frequency	50/60 Hz
EAN	3303430311270
Manufacturer	SCHNEIDER
Range	Industrial
Long	136 mm
Measures	136 mm x 140 mm x 96 mm
# Elements	4
No. of poles	4P
Weight (kg)	2,2 kg
Depth	96 mm
Protection	IP40
Rated voltage	250
Nominal voltage (V)	690 V AC / 250 V CC
Current type	AC

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