

Product sheet

ComPacT NSX100NA 2P 100A Isolating Switch

Brand: SCHNEIDER

Reference: IMPO C102100S



ComPacT DC switch NSX100NA AC 2P with 100 A rated current, nominal operating voltage up to 690 V AC and 750 V DC, designed for industrial applications with current greater than 0.1 A.

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Description

ComPacT NSX100NA 2P actuator switch with 100 A rated current, designed for industrial electrical applications with a current greater than 0.1 A. Its 2-pole configuration allows the cutting of circuits in alternating and continuous current, ensuring safety in distribution and control facilities.

Technical characteristics

- Number of poles: 2P
- Nominal current (In): 100 A
- Conventional thermal current (Ith): 100 A at 50 °C
- Nominal operating voltage (Ue): 690 V AC 50/60 Hz, 750 V DC (3 serial poles), 500 V DC (2 serial poles), 250 V DC (1 pole)
- Network frequency: 50/60 Hz
- Category of employment: AC-22A, AC-23A, DC-22A, DC-23A
- Code of cutting power: DE
- Contact position indicator: Yes
- Sewing power: Yes, according to ≥ 10 mA
- Permissible temporal current (Icw): 1.8 kA (1 s), 1.8 kA (3 s), 0.69 kA (20 s)
- Nominal short circuit capacity (Icm): 330 kA with automatic upstream switch, 2.6 kA single switch-selector
- Insulation rated voltage (Ui): 800 V AC 50/60 Hz
- Voltage peak resistance (Uimp): 8 kV
- Degree of protection: IP40 (IEC 60529), IK07 (IEC 62262)

- Electrical shock protection class: Class II
- Degree of contamination: 3
- Operating ambient temperature: -25...70 °C
- Storage ambient temperature: -50...85 °C
- Mechanical durability: 50000 cycles
- Electrical durability: according to category of use and voltage (e.g. AC-22A, status 1: 35000 cycles at 440 V AC In/2)
- Mounting bracket: Rear plate
- Top connection: Front
- Connection down: Front
- Connection step: 35 mm
- Height: 161 mm
- Depth: 86 mm
- Width: 105 mm
- Weight: 1.8 kg
- Standards: EN/IEC 60947-1
- Certifications: EC, CCC generator
- Sustainable supply status: Product Green Premium
- EU RoHS Directive: As per
- No mercury: Yes
- No PVC: Yes
- REACH Regulation: Contains SVHC over the threshold
- Information on RoHS exemptions: Yes
- RoHS China Regulations: Product outside of RoHS China

Specifications

Frequency	50/60 Hz
Rated current (A)	100
Width	105 mm
EAN	3606481999221
Manufacturer	SCHNEIDER
Range	Industrial
No. of poles	2P
Weight (kg)	1,8 kg
Depth	86 mm
Protection	IK07

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