Product sheet

Surge Protector 3P+N Type 1+2

Brand: SCHNEIDER

Reference: IMPO 16332



Surge protector type 1+2 with MOV technology for electrical installations of 230/400 V AC, 50/60 Hz, with common mode protection (100 kA) and differential mode protection (25 kA), protection level <1.5 kV, response time ≤25 ns, DIN rail mounting, 3P+N, compatible with gG fuse 315 A or Compact NSX100B circuit breaker, suitable for small businesses.

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Description

Surge protector type 1+2 with MOV technology and plug-in cartridge, designed to protect electrical installations in small businesses. Compatible with TN-S and TT earthing systems, provides common mode and differential mode protection through inter-electrode distance. Application recommended for currents above 0.1 A.

Technical Features

- Number of poles: 3P + N
- Rated operating voltage: 230/400 V AC (±10%) at 50/60 Hz
- Rated discharge current: Common mode 100 kA (N/PE), differential mode 25 kA (L/N)
- Impulse current: Common mode 100 kA (N/PE) 50 A·s, differential mode 25 kA (L/N) 12.5 A·s
- Maximum continuous operating voltage: 350 V (L/N and N/PE)
- Protection level: <1.5 kV (type 2, L/N)
- Current monitoring: 25 kA (differential mode L/N), 0.1 kA (common mode N/PE)
- Remote signaling: 1 SD (1 C/O)
- Response time: ≤ 25 ns
- Connections: Tunnel terminals (2.5…35 mm²), tightening torque 4.5 N·m
- Surge current: 25 kA
- Protection degree IP: IP40 (front face, state 1), IP20 (installed, state 1)
- Impact protection degree IK: IK05 (in accordance with insulation accessory)
- Operating ambient temperature: -25…60 °C
- Storage ambient temperature: -40…80 °C

- Maximum operating altitude: 2000 m
- Relative humidity: 5…90 %
- Material: PBT (polybutylene terephthalate)
- Color: Anthracite grey (RAL 7016)
- Weight: 1.43 kg
- Height: 90 mm
- Width: 142.8 mm
- Depth: 70 mm
- Mounting support: DIN rail
- Mounting type: Adjustable clip
- Step size: 9 mm, 16 steps
- Standards: EN 61643-11:2012, IEC 61643-11:2011
- Certifications: CE, KEMA-KEUR

Specifications

Frequency	50/60 Hz
High	90 mm
Rated current (A)	400
Width	142,8 mm
Colour	Gris antracita
EAN	3606480060427
Manufacturer	SCHNEIDER
Intensity	25
Measures	90 mm x 142,8 mm x 70 mm
# Elements	1
No. of poles	3P+N
Weight (kg)	1,43 kg
Depth	70 mm
Protection	IP40
Cable cross-section (mm²)	35 mm²
Nominal voltage (V)	230/400 V AC

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