



SPB100R

Surge Protection Device 1P T2 TNC Uc 320V In 40kA I_{max} 100kA remote contact

Technical Features

Capacity

Number of modules	1
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Voltage

Rated operational voltage U _e	240 - 415 V
Continuous operating voltage U _c according to IEC 61643-1	320 V
Voltage protection level U _p according to IEC 61643-1	2 kV
Voltage protection level U _p L-PE/N-PE according to IEC 61643-11	1.70 kV
Voltage level U _p L-N/PEN IEC 61643-11	2000 V

Electric current

Nominal discharge current I _n 8 - 20 μs L-N(PEN)/N-PE IEC 61643	40 kA
Max. overcurrent protection device, parallel connection (fuse)	250 A
Max. discharge (I _{max}) L-N(PEN)/ N-PE	100 kA

Dimensions

Height	96.8 mm
Width	17.6 mm
Depth	77.5 mm

Use conditions

Operating temperature	-40 - 80 °C
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Network configuration

Network type	TN-C TT
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Equipment

With remote signalling contact	Yes
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Connection

Cross-section of input and output with screws, for flexible conductors	1.5 - 25.0 mm ²
Cross-section of input and output with screws, for massive conductors	1.5 - 35.0 mm ²
Cross-section signal contact	0.14 - 1.5 mm ²

Standards

Requirement class IEC 61643	T2
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Frequency

Frequency	50 - 60 Hz
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Installation, mounting

Nominal tightening torque	3 - 3 Nm
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Sustainability

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes