



SPB020

Cartridge1P T2 L-N SPB420

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	275 V
Voltage protection level U_p according to IEC 61643-1	1.50 kV
Voltage protection level U_p L-PE/N-PE according to IEC 61643-11	1.50 kV
Voltage level U_p L-N/PEN IEC 61643-11	1500 V

Electric current

Nominal discharge current I_n 8 - 20 μ s L-N(PEN)/N-PE IEC 61643	20 kA
Max. overcurrent protection device, parallel connection (fuse)	315 A
Max. discharge (I_{max}) L-N(PEN)/ N-PE	40 kA

Dimensions

Height	44.8 mm
Width	11.7 mm
Depth	56.1 mm

Use conditions

Operating temperature	-40 - 80 °C
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Network configuration

Network type	TN 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

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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