



SPB140D

Surge Protection Device 1P T2 TNC Uc 275V In 20kA Imax 40kA

Technical properties

Configuration

Number of modules	1
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Main electrical features

Rated operational voltage U_e	240 / 415 V
Frequency	50/60 Hz
Nominal discharge current (In) 8/20 μ s, IEC 61643)L-N(PEN)/ N-PE	20 kA

Voltage

Maximum continuous operating voltage U_c	275 V
Voltage protection level U_p according to IEC61643-1	1.35 kV
Voltage protection level U_p L-PE/N-PE according to IEC61643-11	1.5 kV
Voltage level U_p L-N/PEN IEC61643-11	1.35 kV

Electric current

Calibration of the protection upstream	125 A
Max discharge (I_{max}) L-N(PEN)/ N-PE	40 kA

Dimensions

Depth of installed product	58.2 mm
Height of installed product	89.8 mm
Width of installed product	17.7 mm

Electrical specifications

Short-circuit breaking capacity (I_{sc})	25 kA
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Network configuration

Network type	TN-C
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Installation, mounting

Tightening torque	3
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Connection

Connection cross-section of input and output with screws, for massive conductors	1.5 / 35 mm ²
Connection cross section of access and exit with screws, for flexible conductor	1.5 / 25 mm ²

Standards

Test class IEC61643-11 / VDE0675-6-11	T2
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Use conditions

Operating temperature

-40...80 °C