



SPB415R

Surge Protection Device 4P T2 TNS/TT U_c 275V I_n 5kA I_{max} 15kA remote contact

Technical properties

Configuration

Number of modules	4
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Main electrical features

Rated operational voltage U _e	240 / 415 V
Frequency	50/60 Hz
Nominal discharge current (I _n) 8/20μs, IEC 61643)L-N(PEN)/ N-PE	5 / 20 kA

Voltage

Maximum continuous operating voltage U _c	275 V
Voltage protection level U _p according to IEC61643-1	1 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 kV

Electric current

Calibration of the protection upstream	125 A
Max discharge (I _{max}) L-N(PEN)/ N-PE	15 / 40 kA

Dimensions

Depth of installed product	58.2 mm
Height of installed product	89.8 mm
Width of installed product	71.2 mm

Electrical specifications

Short-circuit breaking capacity (I _{sc} cr)	25 kA
Signal contact Cross-sections	0.14 / 1.5 mm ²
Signal contact Current carrying capacity AC/DC	3 / 1 A
Signal contact Voltage rating AC/DC	250 / 30 V

Network configuration

Network type	TT/TN-S
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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
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Connection cross section of access and exit with screws, for flexible conductor	1.5 / 25 mm²
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Standards

Test class IEC61643-11 / VDE0675-6-11	T2
European directive WEEE	concerned

Safety

REACH conform	Yes
RoHS conform	Yes
Halogen free	Yes

Use conditions

Operating temperature	-40...80 °C
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