



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

Controls and indicators

Indicator lamp Optic

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 mm²

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

Installation, mounting

Tightening torque 3

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	
Approvals	KEMA, NF
Test class IEC61643-11 / VDE0675-6-11	T2
Safety	
REACH conform	Yes
RoHS conform	Yes
Halogen free	Yes
Use conditions	
Operating temperature	-40...80 °C