



SPB440R

**Surge Protection Device 4P T2 TNS/TT U<sub>c</sub> 275V I<sub>n</sub> 20kA I<sub>max</sub> 40kA remote contact**

**Technical properties**

**Configuration**

Number of modules 4

**Controls and indicators**

Indicator lamp Optic

**Main electrical features**

Rated operational voltage U<sub>e</sub> 240 / 415 V

Frequency 50/60 Hz

Nominal discharge current (I<sub>n</sub>) 8/20μs, IEC 61643)L-N(PEN)/ N-PE 20 kA

**Voltage**

Maximum continuous operating voltage U<sub>c</sub> 275 V

Voltage protection level U<sub>p</sub> according to IEC61643-1 1.35 kV

Voltage protection level U<sub>p</sub> L-PE/N-PE according to IEC61643-11 1.5 kV

Voltage level U<sub>p</sub> L-N/PEN IEC61643-11 1.35 kV

**Electric current**

Calibration of the protection upstream 125 A

Max discharge (I<sub>max</sub>) 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 71.2 mm

**Electrical specifications**

Short-circuit breaking capacity (I<sub>sc</sub>cr) 25 kA

Signal contact Cross-sections 0.14 / 1.5 mm<sup>2</sup>

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 <sup>2</sup>
Connection cross section of access and exit with screws, for flexible conductor	1.5 / 25 mm <sup>2</sup>
<b>Standards</b>	
Approvals	KEMA, NF
Test class IEC61643-11 / VDE0675-6-11	T2
<b>Safety</b>	
REACH conform	Yes
RoHS conform	Yes
Halogen free	Yes
<b>Use conditions</b>	
Operating temperature	-40...80 °C