



SPB465R

**Surge Protection Device 4P T2 TNS/TT U<sub>c</sub> 320V I<sub>n</sub> 20kA I<sub>max</sub> 65kA remote contact**

**Technical Features**

**Capacity**

Number of modules	4
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**Voltage**

Rated operational voltage U <sub>e</sub>	240 - 415 V
Continuous operating voltage U <sub>c</sub> according to IEC 61643-1	320 V
Voltage protection level U <sub>p</sub> according to IEC 61643-1	1.45 kV
Voltage protection level U <sub>p</sub> L-PE/N-PE according to IEC 61643-11	1.70 kV
Voltage level U <sub>p</sub> L-N/PEN IEC 61643-11	1450 V

**Electric current**

Nominal discharge current I <sub>n</sub> 8 - 20 μs L-N(PEN)/N-PE IEC 61643	20 kA
Max. overcurrent protection device, parallel connection (fuse)	160 A
Max. discharge (I <sub>max</sub> ) L-N(PEN)/ N-PE	65 kA

**Dimensions**

Height	98.7 mm
Width	71.20 mm
Depth	77.5 mm

**Use conditions**

Operating temperature	-40 - 80 °C
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**Network configuration**

Network type	TN-S 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 <sup>2</sup>
Cross-section of input and output with screws, for massive conductors	1.5 - 35.0 mm <sup>2</sup>
Cross-section signal contact	0.14 - 1.5 mm <sup>2</sup>

**Standards**

Requirement class IEC 61643	T1 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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**Sustainability**

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes