



SPB240D

**Surge Protection Device 2P T2 TNS/TT U<sub>c</sub> 275V I<sub>n</sub> 20kA I<sub>max</sub> 40kA**

**Technical Features**

**Capacity**

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

**Voltage**

|   |             |
|---|-------------|
| Rated operational voltage U <sub>e</sub>                                    | 240 - 415 V |
| Continuous operating voltage U <sub>c</sub> according to IEC 61643-1        | 275 V       |
| Voltage protection level U <sub>p</sub> according to IEC 61643-1            | 1.35 kV     |
| Voltage protection level U <sub>p</sub> L-PE/N-PE according to IEC 61643-11 | 1.50 kV     |
| Voltage level U <sub>p</sub> L-N/PEN IEC 61643-11                           | 1350 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)             | 125 A |
| Max. discharge (I <sub>max</sub> ) L-N(PEN)/ N-PE                          | 40 kA |

**Dimensions**

|        |          |
|--------|----------|
| Height | 98.7 mm  |
| Width  | 35.60 mm |
| Depth  | 65.7 mm  |

**Use conditions**

|                       |             |
|-----------------------|-------------|
| Operating temperature | -40 - 80 °C |
|-----------------------|-------------|

**Network configuration**

|              |                    |
|--------------|--------------------|
| Network type | TN<br>TT<br>TN-C-S |
|--------------|--------------------|

**Equipment**

|                                |     |
|--------------------------------|-----|
| With remote signalling contact | Yes |
|--------------------------------|-----|

**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> |

**Standards**

|                             |    |
|-----------------------------|----|
| Requirement class IEC 61643 | T2 |
|-----------------------------|----|

**Frequency**

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

**Installation, mounting**

|                           |          |
|---------------------------|----------|
| Nominal tightening torque | 3 - 3 Nm |
|---------------------------|----------|

**Sustainability**

|                 |     |
|-----------------|-----|
| Halogen free    | Yes |
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |