



SPB440R

Surge Protection Device 4P T2 TNS/TT U_c 275V I_n 20kA I_{max} 40kA 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 | 20 kA |

Voltage

| | |
|--|---------|
| Maximum continuous operating voltage U _c | 275 V |
| Voltage protection level U _p according to IEC61643-1 | 1.35 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 | 1.35 kV |

Electric current

| | |
|--|-------|
| Calibration of the protection upstream | 125 A |
| Max discharge (I _{max}) 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 _{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 |
|--------------|---------|

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 |