



SPA180

Combined SPD T1+T2 1P limp 25kA Up 1.5kV with remote contact integrated fuse

Technical Features

Electric current

| | |
|---|-------|
| Max. discharge (I _{max}) L-N(PEN)/ N-PE | 50 kA |
|---|-------|

Network configuration

| | |
|--------------|------------|
| Network type | TN-S TT |
|--------------|------------|

Electric current

| | |
|----------------------|-----|
| Leakage-current free | Yes |
|----------------------|-----|

Connectivity

| | |
|--------------------|--------------------------------------|
| Type of connection | Screw terminal Plug-in connection |
|--------------------|--------------------------------------|

Electric current

| | |
|---|-------|
| Lightning impulse current limp (10/350 μs) IEC 61643 L-N(PEN)/ N-PE | 25 kA |
|---|-------|

Equipment

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

Capacity

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

Voltage

| | |
|--|-------------|
| Voltage protection level Up according to IEC 61643-1 | 1.50 kV |
| Continuous operating voltage U _c according to IEC 61643-1 | 264 V |
| Rated operational voltage U _e | 240 - 240 V |
| Voltage level Up L-N/PEN IEC 61643-11 | 1.5 kV |

Architecture

| | |
|-----------------|---|
| Number of poles | 1 |
|-----------------|---|

Use conditions

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

Dimensions

| | |
|--------|----------|
| Height | 167 mm |
| Width | 35.50 mm |
| Depth | 74.5 mm |

Controls and indicators

| | |
|---------------------|-----|
| With indicator lamp | Yes |
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Standards

| | |
|-----------------------------|----------|
| Requirement class IEC 61643 | T1 T2 |
|-----------------------------|----------|

Installation, mounting

| | |
|---------------------------|----------------|
| Nominal tightening torque | 4.50 - 4.50 Nm |
|---------------------------|----------------|

Connection

| | |
|--|----------------------------|
| Cross-section of input and output with screws, for flexible conductors | 35 - 35 mm ² |
| Cross-section of input and output with screws, for massive conductors | 35 - 35 mm ² |
| Cross-section signal contact | 0.14 - 1.5 mm ² |

Frequency

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

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Sustainability

RoHS conform

Yes