



SPA412

SPD T1+T2+T3 4P 12.5kA with remote contact TNS/TT

Technical Features

Electric current

| | |
|--------------------------------------|-------|
| Max. discharge (Imax) L-N(PEN)/ N-PE | 75 kA |
|--------------------------------------|-------|

Network configuration

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

Electric current

| | |
|--|-------|
| Leakage-current free | Yes |
| Max. overcurrent protection device, parallel connection (fuse) | 160 A |

Connectivity

| | |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

Electric current

| | |
|---|------------------|
| Lightning impulse current Iimp (10/350 μs) IEC 61643 L-N(PEN)/ N-PE | 12.5 kA 50 kA |
|---|------------------|

Equipment

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

Capacity

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

Voltage

| | |
|--|-------------|
| Voltage protection level Up according to IEC 61643-1 | 1.50 kV |
| Continuous operating voltage Uc according to IEC 61643-1 | 264 V |
| Rated operational voltage Ue | 240 - 415 V |
| Voltage level Up L-N/PEN IEC 61643-11 | 1.5 kV |

Architecture

| | |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

Use conditions

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

Dimensions

| | |
|--------|---------|
| Height | 99.7 mm |
| Width | 72 mm |
| Depth | 76.6 mm |

Controls and indicators

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

Standards

| | |
|-----------------------------|----------------|
| Requirement class IEC 61643 | T1 T2 T3 |
|-----------------------------|----------------|

Installation, mounting

| | |
|---------------------------|------------|
| Nominal tightening torque | 3 - 4.5 Nm |
| Mounting on | DIN rail |

Connection

| | |
|--|----------------------------|
| Cross-section of input and output with screws, for flexible conductors | 2.5 - 25.0 mm ² |
| Cross-section of input and output with screws, for massive conductors | 2.5 - 35.0 mm ² |
| Cross-section signal contact | 0.2 - 25.0 mm ² |

Frequency

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

Safety

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

Configuration

| | |
|---------------------------------|----|
| With integrated protection fuse | No |
|---------------------------------|----|

Sustainability

| | |
|-----------------|-----|
| REACH-SVHC free | Yes |
|-----------------|-----|

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|--------------|-----|
| RoHS conform | Yes |
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