



| | |
|--------------------------|-------------------------------|
| Product designation | Surge Protection Device (SPD) |
| Product type designation | SE2DG |
| Operating voltage type | DC |
| Application | PV |
| Number of DIN modules | 3 |
| Relay output | Yes |

Electrical features

| | | |
|--|---------|----------------------------------|
| Rated operational voltage DC | VDC | 1000 |
| Maximum continuous voltage Ucpv | V | 1060 |
| IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) | kA | 20 |
| IEC Voltage protection level Up (L-N/N-PE) | kV | <4.2 |
| Tripping time ta (L-N/N-PE) | ns | <25 |
| Thermal insulation protection | | YES |
| Backup protection fuse (IEC) with Isc >100A | Class/A | 125A gR/gPV |
| Maximum short circuit current Iscpv | kA | 1 |
| Status indicator - operating / end of life | | Frontal indication / Aux contact |

Ambient conditions

| | | | |
|-----------------------|-----|----|------|
| Operating temperature | min | °C | -40 |
| | max | °C | +80 |
| Max altitude | | m | 2000 |

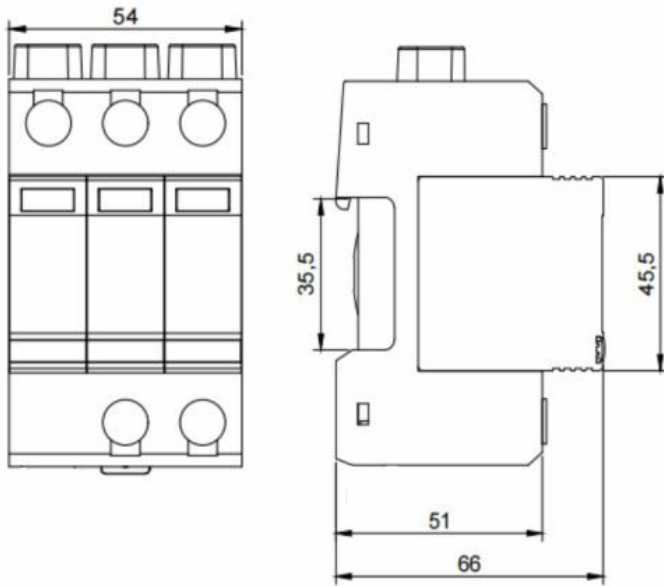
Mechanical features

| | | |
|--------------------------------------|-----------------|----------|
| Fixing | | Din rail |
| Conductor section Flexible max (IEC) | mm ² | 25 |
| Conductor section Rigid max (IEC) | mm ² | 35 |
| Weight | g | 359 |

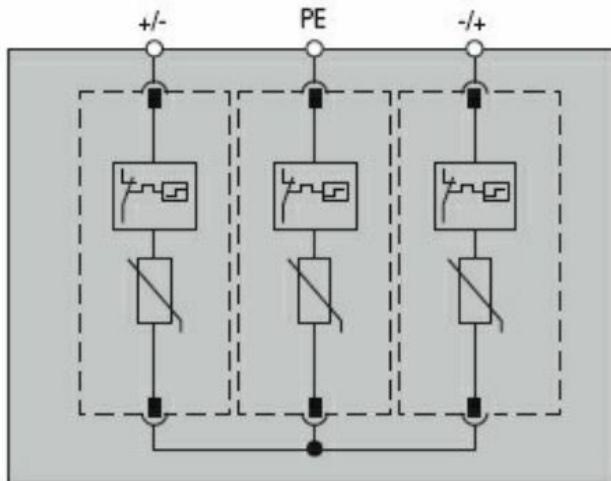
Relay output for remote status indication

| | | | |
|------------------|---------|---|-----|
| Rated current at | 125V AC | A | 0.5 |
| | 250V AC | A | 0.5 |
| | 12V DC | A | 0.5 |
| | 24V DC | A | 0.5 |
| | 48V DC | A | 0.5 |
| | 125V DC | A | 0.2 |
| | 250V DC | A | 0.1 |

Dimensions



Wiring diagrams



Certifications and compliance

Certificates

CE

ETIM classification

ETIM 8.0

EC000941 -
Surge protection
device for power
supply systems