

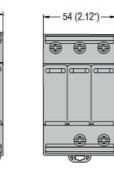


| Product designation | | | Surge Protection Device (SPD) |
|--------------------------------------------------------------|--------|---------|----------------------------------|
| Product type designation | | | SG2 |
| Operating voltage type | | | AC |
| Application | | | AC Power lines |
| Number of poles | | | 2P |
| Number of DIN modules | | | 2 |
| SPD according to IEC/EN 61643-11 | | | YES |
| Electrical features | | | |
| IEC Maximum continuous voltage Uc | | V | 300 |
| IEC Maximum discharge current Imax 8/20 (L-N/N-PE) | | kA | 50 |
| IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) | | kA | 20 |
| IEC Voltage protection level Up (L-N/N-PE) | | kV | <1.5 |
| IEC Follow current If (N-PE) rms | | Α | No |
| Tripping time ta (L-N/N-PE) | | ns | <25 |
| Thermal insulation protection | | | YES |
| IEC Backup protection fuse with supply fuse >315A (L-N/N-PE) | | Class/A | 315A / 250A Gg |
| IEC Maximum short circuit current at 50Hz | | kA | 25 / 50 |
| Status indicator - operating / end of life | | | Frontal indication |
| Ambient conditions | | | |
| Operating temperature | | | |
| | min | °C | -40 |
| | max | °C | +85 |
| Max altitude | | m | 2000 |
| Mechanical features | | | |
| Fixing | | | Din rail |
| Conductor section Flexible max (IEC) | | mm² | 25 |
| Conductor section Rigid max (IEC) | | mm² | 35 |
| Weight | | g | 252 |
| Relay output for remote status indication | | | |
| Rated current at | | | |
| | 48V DC | Α | 0.5 |
| | | | |

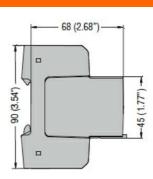
Dimensions







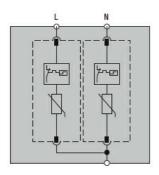




Wiring diagrams



ENERGY AND AUTOMATION



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems