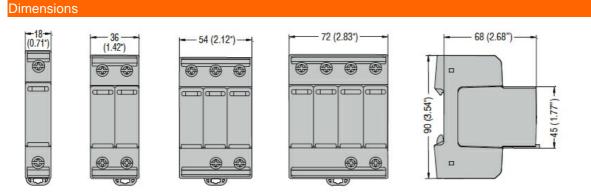




| Product designation | | | Surge Protection Device (SPD) |
|--|-----|---------|----------------------------------|
| Product type designation | | | SG2 |
| Operating voltage type | | | AC |
| Application | | | AC Power lines |
| Number of poles | | | 3P+N |
| Number of DIN modules | | | 4 |
| SPD according 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 / 65 |
| 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 / <1.5 |
| IEC Follow current If (N-PE) rms | | А | 100 |
| Tripping time ta (L-N/N-PE) | | ns | <25 / 100 |
| 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 | 477 |
| Relay output for remote status indication | | |

Rated current at



Wiring diagrams

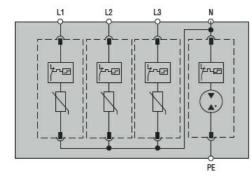
SG23NA300

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

48V DC А

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| Certifications and co | mpliance | |
|-----------------------|-----------------|--|
| Compliance | | |
| | IEC/EN 61643-11 | |
| Certificates | | |
| | EAC | |
| ETIM classification | | |
| ETIM 8.0 | | EC000941 - Surge protection device for power supply systems |