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|----------------------------------|-------------------------------|
| Product designation | Surge Protection Device (SPD) |
| Product type designation | SA3 |
| Operating voltage type | AC |
| Application | AC Power lines |
| Number of poles | 1P+N |
| Relay output | Yes |
| SPD according to IEC/EN 61643-11 | YES |

Electrical features

| | | |
|---|---------|-------------|
| IEC Maximum continuous voltage U_c | V | 275 |
| IEC Combined surge U_{oc}/I_{sc} 1,2/50- 8/20 (kV/kA) | kV/kA | 6 / 3 |
| IEC Voltage protection level U_p (L-N/N-PE) | kV | <1.5 / <1.7 |
| Tripping time t_a (L-N/N-PE) | ns | <100 |
| Backup protection fuse (IEC) with supply MCB >16A | Class/A | MCB 16A/B |
| IEC Maximum short circuit current at 50Hz | kA | 1 |
| Status indicator - operating / end of life | | Buzzer |

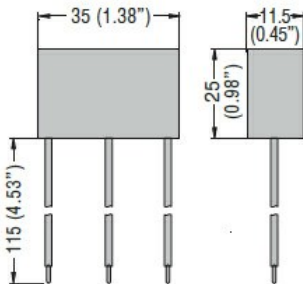
Ambient conditions

| | | | |
|-----------------------|-----|----|------|
| Operating temperature | min | °C | -40 |
| | max | °C | +85 |
| Max altitude | | m | 2000 |

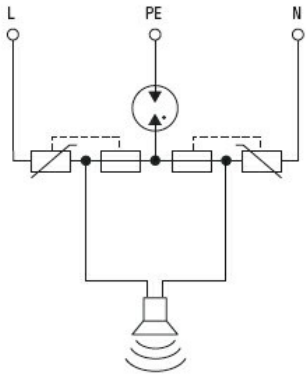
Mechanical features

| | | |
|--------|---|--------------------|
| Fixing | | Parallel on socket |
| Weight | g | 50 |

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

ETIM classification

ETIM 8.0

EC000941 -
Surge protection
device for power
supply systems