



## Product designation

## Product type designation

## Operating voltage type

## Application

## Number of poles

## Number of DIN modules

## SPD according to IEC/EN 61643-11

Surge Protection  
Device (SPD)

SG2

AC

AC Power lines

4P

4

YES

## Electrical features

|                                                              |         |                    |
|--------------------------------------------------------------|---------|--------------------|
| IEC Maximum continuous voltage $U_c$                         | V       | 300                |
| IEC Maximum discharge current $I_{max}$ 8/20 (L-N/N-PE)      | kA      | 50                 |
| IEC Rated discharge current (IEC) $I_n$ 8/20 (L-N/N-PE)      | kA      | 20                 |
| IEC Voltage protection level $U_p$ (L-N/N-PE)                | kV      | <1.5               |
| IEC Follow current $I_f$ (N-PE) rms                          | A       | No                 |
| Tripping time $t_a$ (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

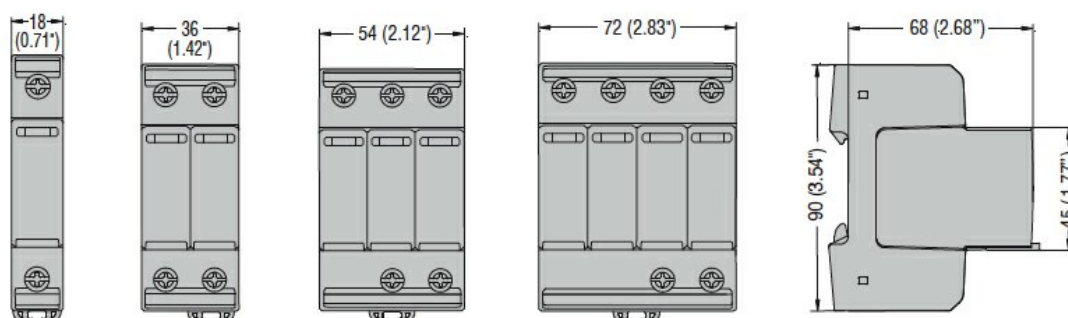
|                                      |                 |          |
|--------------------------------------|-----------------|----------|
| Fixing                               |                 | Din rail |
| Conductor section Flexible max (IEC) | mm <sup>2</sup> | 25       |
| Conductor section Rigid max (IEC)    | mm <sup>2</sup> | 35       |
| Weight                               | g               | 496      |

## Relay output for remote status indication

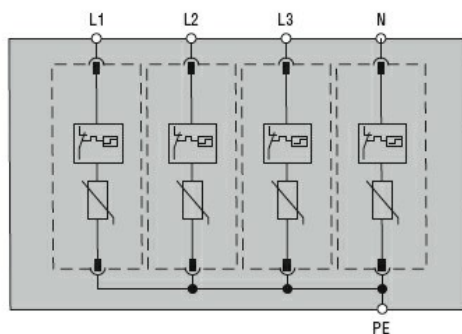
## Rated current at

|         |   |     |
|---------|---|-----|
| 125V AC | A | 1   |
| 48V DC  | A | 0.5 |

## 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