



## 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

3P+N

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 / 65
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 / <1.5
IEC Follow current $I_f$ (N-PE) rms	A	100
Tripping time $t_a$ (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

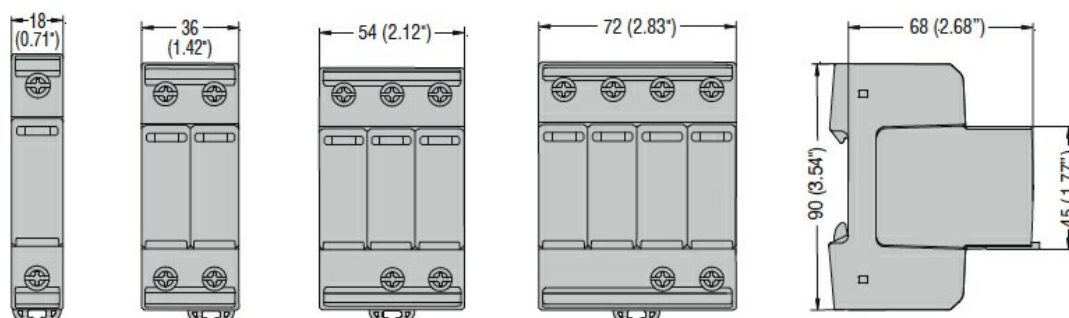
Fixing		Din rail
Conductor section Flexible max (IEC)	mm <sup>2</sup>	25
Conductor section Rigid max (IEC)	mm <sup>2</sup>	35
Weight	g	477

## Relay output for remote status indication

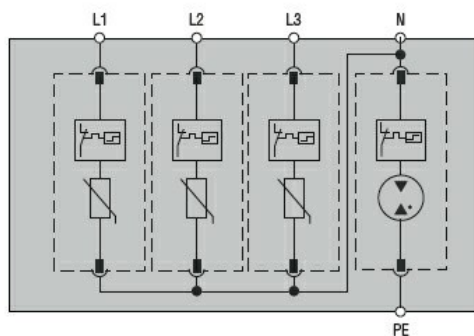
Rated current at

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