



## 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

3

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

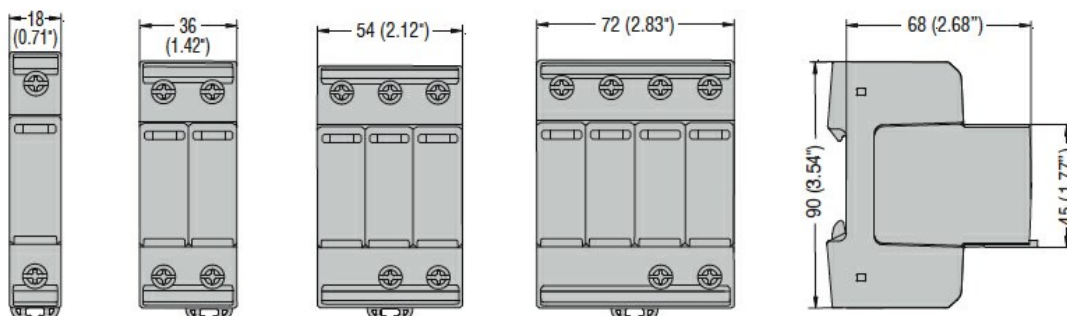
g 366

## Relay output for remote status indication

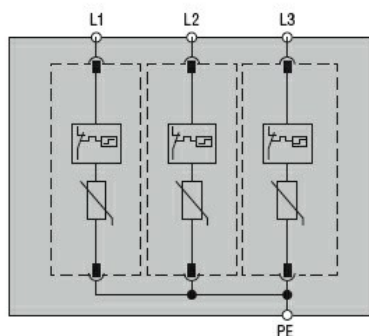
Rated current at

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