



## 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

1P+N

1

YES

## Electrical features

IEC Maximum continuous voltage $U_c$	V	320
IEC Maximum discharge current $I_{max}$ 8/20 (L-N/N-PE)	kA	15 / 35
IEC Rated discharge current (IEC) $I_n$ 8/20 (L-N/N-PE)	kA	5
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 >63A (L-N/N-PE)	Class/A	63A Gg
IEC Maximum short circuit current at 50Hz	kA	6
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> 4 (L,N) / 25 (PE)

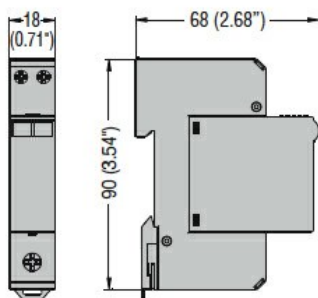
Conductor section Rigid max (IEC)

mm<sup>2</sup> 6 (L,N) / 35 (PE)

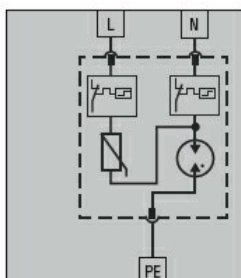
Weight

g 126

## 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