



Product designation

Surge Protection  
Device (SPD)

Product type designation

SA3

Operating voltage type

AC

Application

AC Power lines

Number of poles

1P+N

Number of DIN modules

1

Relay output

Yes

SPD according to IEC/EN 61643-11

YES

#### Electrical features

IEC Maximum continuous voltage $U_c$	V	320
IEC Combined surge $U_{oc}/I_{sc}$ 1,2/50- 8/20 (kV/kA)	kV/kA	10 / 5
IEC Voltage protection level $U_p$ (L-N/N-PE)	kV	<1.5 / <1.5
Tripping time $t_a$ (L-N/N-PE)	ns	<100
IEC Backup protection fuse with supply fuse >63A (L-N/N-PE)	Class/A	63A Gg
IEC Maximum short circuit current at 50Hz	kA	10

Status indicator - operating / end of life

Frontal  
indication/Aux  
contact

#### Ambient conditions

Operating temperature

min	°C	-40
max	°C	+85

Max altitude	m	2000
--------------	---	------

#### Mechanical features

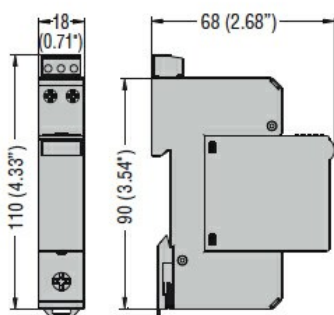
Fixing		Din rail
Conductor section Flexible max (IEC)	mm <sup>2</sup>	4 (L,N) / 25 (PE)
Conductor section Rigid max (IEC)	mm <sup>2</sup>	6 (L,N) / 35 (PE)
Weight	g	140

#### Relay output for remote status indication

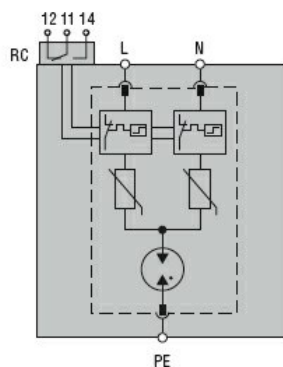
Rated current at

125V AC	A	3
250V AC	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