



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
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Mechanical features

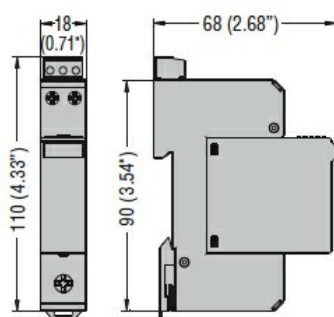
Fixing		Din rail
Conductor section Flexible max (IEC)	mm ²	4 (L,N) / 25 (PE)
Conductor section Rigid max (IEC)	mm ²	6 (L,N) / 35 (PE)
Weight	g	140

Relay output for remote status indication

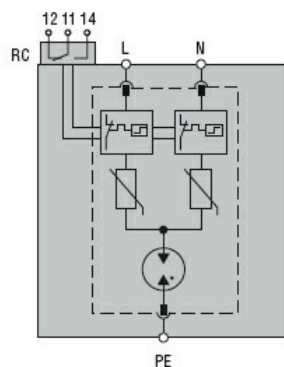
Rated current at

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