



Product designation

Surge Protection
Device (SPD)

Product type designation

SA3

Operating voltage type

AC

Application

AC Power lines

Number of poles

1P+N

Relay output

Yes

SPD according to IEC/EN 61643-11

YES

Electrical features

IEC Maximum continuous voltage U_c	V	275
IEC Combined surge U_{oc}/I_{sc} 1,2/50- 8/20 (kV/kA)	kV/kA	6 / 3
IEC Voltage protection level U_p (L-N/N-PE)	kV	<1.5 / <1.7
Tripping time t_a (L-N/N-PE)	ns	<100
Backup protection fuse (IEC) with supply MCB >16A	Class/A	MCB 16A/B
IEC Maximum short circuit current at 50Hz	kA	1
Status indicator - operating / end of life		Buzzer

Ambient conditions

Operating temperature

min	°C	-40
max	°C	+85

Max altitude

m 2000

Mechanical features

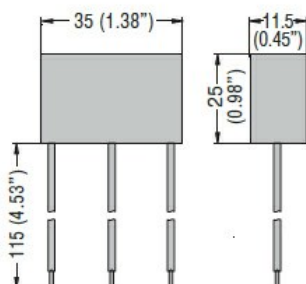
Fixing

Parallel on socket

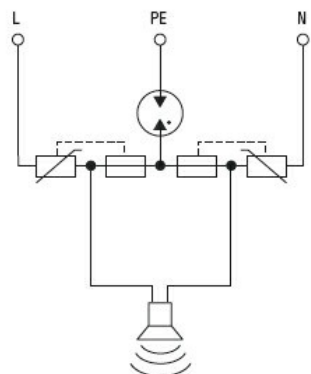
Weight

g 50

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