



Product designation

Surge Protection Device (SPD)

Product type designation

SG2

Operating voltage type

AC

Application

AC Power lines

Number of poles

1P+N

Number of DIN modules

1

SPD according to IEC/EN 61643-11

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

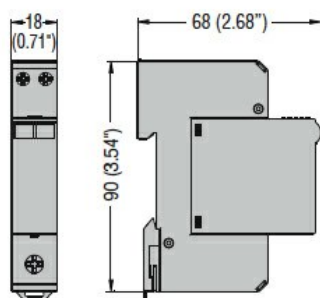
Max altitude

m 2000

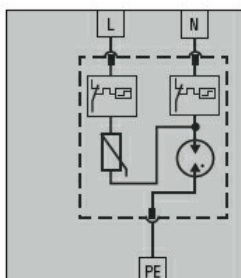
Mechanical features

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