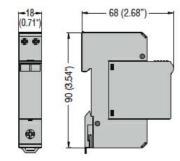




Product designation			Surge Protection Device (SPD)
Product type designation			SG2
Operating voltage type			AC
Application			AC Power lines
Number of poles			1P+N
Number of DIN modules			1
SPD according to IEC/EN 61643-11			YES
Electrical features			
IEC Maximum continuous voltage Uc		V	320
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	15 / 35
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	5
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.5 / <1.5
IEC Follow current If (N-PE) rms		А	>100
Tripping time ta (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)		mm²	4 (L,N) / 25 (PE)
Conductor section Rigid max (IEC)		mm²	6 (L,N) / 35 (PE)
Weight		g	126
Dimensions			

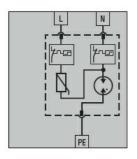
Dimensions



Wiring diagrams

SG2C1NA320





Certifications and compliance Compliance

IEC/EN 61643-11

EAC

Certificates

ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems

SG2C1NA320