

**ENERGY AND AUTOMATION** 

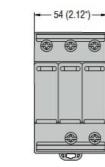


Product designation  Product type designation  Operating voltage type  Application  Number of poles  Number of DIN modules  SPD according to IEC/EN 61643-11			Surge Protection Device (SPD) SG2 AC AC Power lines 2P 2 YES
Electrical features			
IEC Maximum continuous voltage Uc		V	300
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)		kA	50
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)		kA	20
IEC Voltage protection level Up (L-N/N-PE)		kV	<1.5
IEC Follow current If (N-PE) rms		Α	No
Tripping time ta (L-N/N-PE)		ns	<25
Thermal insulation protection			YES
IEC Backup protection fuse with supply fuse >315A (L-N/N-PE)		Class/A	315A / 250A Gg
IEC Maximum short circuit current at 50Hz		kA	25 / 50
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	25
Conductor section Rigid max (IEC)		mm²	35
Weight		g	252
Relay output for remote status indication			
Rated current at			
	48V DC	Α	0.5

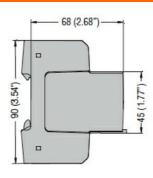
## **Dimensions**







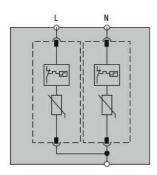




## Wiring diagrams



**ENERGY AND AUTOMATION** 



## Certifications and compliance

Compliance

IEC/EN 61643-11

Certificates

EAC

## ETIM classification

ETIM 8.0

EC000941 -Surge protection device for power supply systems