



Product designation

Product type designation

Operating voltage type

Application

Number of DIN modules

SPD according to EN50539-11

Surge Protection
Device (SPD)

SG2DG

DC

DC Power lines

3

Yes

Electrical features

Rated operational voltage DC	VDC	1500
Maximum continuous voltage Ucpv	V	1500
IEC Maximum discharge current I _{max} 8/20 (L-N/N-PE)	kA	30
IEC Rated discharge current (IEC) I _n 8/20 (L-N/N-PE)	kA	20
IEC Voltage protection level U _p (L-N/N-PE)	kV	<5.0
Tripping time t _a (L-N/N-PE)	ns	<25
Thermal insulation protection		YES
Backup protection fuse (IEC) with I _{sc} >100A	Class/A	Not needed
Maximum short circuit current I _{scpv}	kA	11
Status indicator - operating / end of life		Frontal indication

Ambient conditions

Operating temperature

min	°C	-40
max	°C	+85

Max altitude	m	2000
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Mechanical features

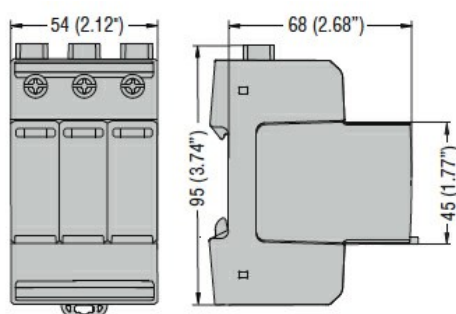
Fixing		Din rail
Conductor section Flexible max (IEC)	mm ²	25
Conductor section Rigid max (IEC)	mm ²	35
Weight	g	444

Relay output for remote status indication

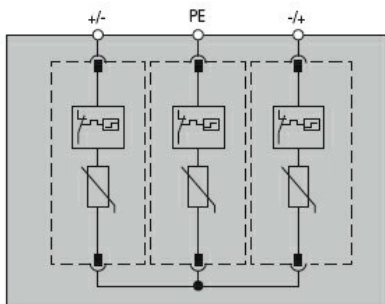
Rated current at

48V DC	A	0.5
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 50539-11

Certificates

EAC

ETIM classification

ETIM 8.0

EC000941 -
Surge protection
device for power
supply systems