

Product designation	Surge Protection Device (SPD)
Product type designation	SE2DG
Operating voltage type	DC
Application	DC Power lines
Number of DIN modules	3
Relay output	Yes
SPD according to EN50539-11	Yes

Electrical features

Rated operational voltage DC	VDC	1500
Maximum continuous voltage U_{cpv}	V	1520
IEC Maximum discharge current I_{max} 8/20 (L-N/N-PE)	kA	40
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	<6.5
Tripping time t_a (L-N/N-PE)	ns	<25
Thermal insulation protection		YES
Backup protection fuse (IEC) with $I_{sc} > 100A$	Class/A	125A gR/gPV
Maximum short circuit current I_{scpv}	kA	1
Status indicator - operating / end of life		Frontal indication/Aux contact

Ambient conditions

Operating temperature	min	°C	-40
	max	°C	+80

Mechanical features

Fixing		Din rail
Conductor section Rigid max (IEC)	mm ²	35
Weight	g	392

Relay output for remote status indication

Rated current at	125V AC	A	0.5
	250V AC	A	0.5
	12V DC	A	0.5
	24V DC	A	0.5
	48V DC	A	0.5
	125V DC	A	0.2
	250V DC	A	0.1

ETIM classification

ETIM 8.0	EC000941 - Surge protection device for power supply systems
----------	---