

Product designation	Surge Protection Device (SPD)
Product type designation	SE2DG
Operating voltage type	DC
Application	DC Power lines
Number of DIN modules	2
Relay output	Yes
SPD according to EN50539-11	Yes

Electrical features

Rated operational voltage DC	VDC	600
Maximum continuous voltage U _{cpv}	V	670
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	<1.7
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
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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 246

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
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