

Product designation	Surge Protection Device (SPD)				
Product type designation	SG2DG				
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 Ucpv	V	1500			
IEC Maximum discharge current Imax 8/20 (L-N/N-PE)	kA	30			
IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE)	kA	20			
IEC Voltage protection level Up (L-N/N-PE)	kV	<5.0			
Tripping time ta (L-N/N-PE)	ns	<25			
Thermal insulation protection	YES				
Backup protection fuse (IEC) with Isc >100A	Class/A	Not needed			
Maximum short circuit current Iscpv	kA	11			
Status indicator - operating / end of life	Frontal indication/Aux contact				
Ambient conditions					
Operating temperature	min °C	-40			
	max °C	+85			
Max altitude	m	2000			
Mechanical features					
Fixing	Din rail				
Conductor section Flexible max (IEC)	mm ²	25			
Conductor section Rigid max (IEC)	mm ²	35			
Weight	g	454			
Relay output for remote status indication					
Rated current at	125V AC	A	1		
	250V AC	A	1		
	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				