




SPD SERIES

Surge Protective Device



SGS1 - DC Series

Surge Protective Device

Standard	EN50539-11
Protection	Protect electric system and on-loading electrical appliances from thunder and instantaneous over-voltage
Ambient temperature(°C)	-40 to +70
Number of poles	1P,2P,3P,4P
PV system operating voltage uc _{pv} (V)	500/1000/1500
Standard discharge current(8/20 μ s) I _n (kA)	20
Maximum discharge current(8/20 μ s) I _{max} (kA)	40
Protection level U _p (V)	≤ 2.5 U _c :DC 500/600 ≤ 3.5 U _c :DC 1000 ≤ 5.5 U _c :DC 1500
Response time (ns)	<25
On-Off indicating window	Green: normal function Red: functionless, immediate replacement required
Type of terminal	Pin type
Installation	Mounting on 35mm DIN rail
Certification	  



SGS1-DC/1



SGS1-DC/2





SGS1-DC/3



SGS1-DC/4

SGS1 - DC Series Surge Protective Device

	Type	Poles	Uc(V~)	Discharge current		Up(kV)	Photovoltaic voltage
				Nominal(kA)	I _{max} (kA)		
 <p>SGS1-DC/1/2</p>	SGS1-DC/1-500/40	1/2	500/600	20	40	≤2.5	500/600V
	SGS1-DC/2-500/40						
	SGS1-DC/1-1000/40	1/2	1000	20	40	≤3.5	1000V
	SGS1-DC/2-1000/40						
 <p>SGS1-DC/3/4</p>	SGS1-DC/3-500/40	3/4	500/600	20	40	≤2.5	500/600V
	SGS1-DC/4-500/40						
	SGS1-DC/3-1000/40	3/4	1000	20	40	≤3.5	1000V
	SGS1-DC/4-1000/40						
	SGS1-DC/3-1500/40	3/4	1500	20	40	≤5.5	1500V
	SGS1-DC/4-1500/40						

Overall and mounting dimensions

