

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	2P,3P
PV system operating voltage ucpv(V)	500/1000/1500
Standard discharge current(8/20μs) In(kA)	20
Maximum discharge current(8/20μs) I _{max} (kA)	40
Protection level Up(V)	≤ 2.5 Uc:DC 500 ≤ 3.5 Uc:DC 1000 ≤ 5.5 Uc: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/2



SGS1-DC/3

SGS1-DC Series

Surge Protective Device

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

Overall and mounting dimensions

