

SGS1-DC Series Surge Protective Device

Technical data

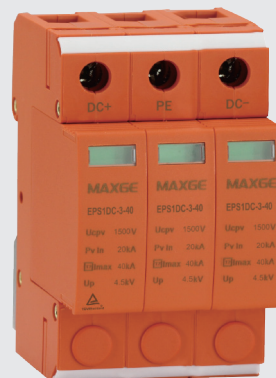
Standard	IEC50539-11
Protection	Protect electric system and on-loading electrical apparatus from thunder and instantaneous over-voltage
Ambient temperature (°C)	-40~+70
Number of poles	2P,3P
PV system operating voltage ucpv	1000/1500 V
Nominal discharge current $I_n(8/20\mu s)$(KA)	20KA
Maximum discharge current $I_{max}(8/20\mu s)$(KA)	40KA
Protection level U_p(KV)	$\leq 3.8/4.5$
Response time t(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



CE CB



SGS1-DC/2



SGS1-DC/3

SGS1-DC	Type	Poles	Uc(V~)	Discharge current		Up(KV)	Photovoltaic voltage
				Nominal(kA)	Max.(kA)		



SGS1-DC/2

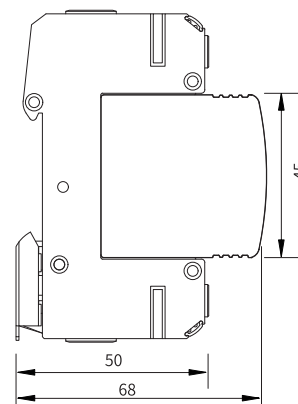
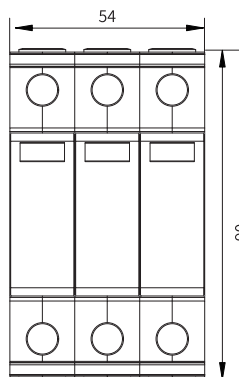
SGS1-DC/2-500/40	2	500	20	40	≤2.5	500V
SGS1-DC/2-1000/40	2	1000	20	40	≤3.5	1000V



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



SGS1