

SPD1-DC Series Surge Protective Device

Technical data

Standard	IEC50539-11
Protection	To Protect Electrical Systems and Equipment from Lightning Strikes and Instantaneous over-voltages
Ambient temperature (°C)	-40~+70
Number of poles	2P,3P
PV system operating voltage ucpv	1000/1500 V
Nominal discharge current In(8/20μs)(KA)	20KA
Maximum discharge current Imax(8/20μs)(KA)	40KA
Protection level Up(KV)	≤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



SPD1-DC/2



SPD1-DC/3

SPD1-DC	Type	Poles	Uc(V~)	Discharge current		Up(KV)	Photovoltaic voltage
				Nominal(kA)	Max.(kA)		



SPD1-DC/2

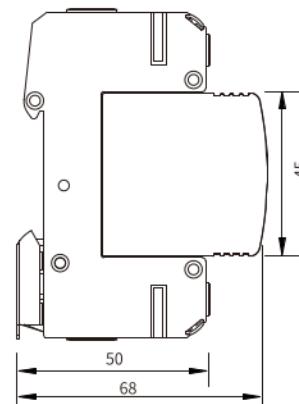
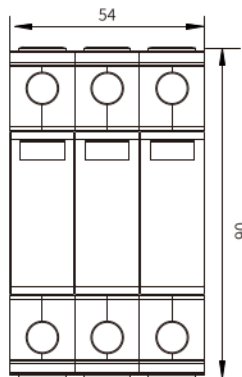
SPD1-DC/2-500/40	2	500	20	40	≤2.5	500V
SPD1-DC/2-1000/40	2	1000	20	40	≤2.5	500V



SPD1-DC/3

SPD1-DC/3-500/40	3	500	20	40	≤2.5	500V
SPD1-DC/3-1000/40	3	1000	20	40	≤2.5	1000V
SPD1-DC/3-1500/40	3	1500	20	40	≤2.5	1500V

Overall and Mounting Dimensions



SPD1