

SPD SERIES

Surge Protective Device



EPS1 Series	Surge Protective Device
Standard	IEC 61643-11
Protection	Protect electric system and on-loading electrical apparatus from thunder and instantaneous over-voltage
Ambient temperature(°C)	-40°C~+70°C
Number of poles	2P,4P
Maximum continuous Operating voltage $U_c(V\sim)$	275/320/385
Nominal discharge current I_n (kA)	20
Maximum discharge current I_{max} (kA)	40
Protection level $U_p(kV)$	1.5/1.7/1.8
Response time $t(ns)$	25
On-Off indicating window	Green: normalfunction Red: functionless,immediate replacement required
Type of terminal	Pin type
Installation	Mounting on 35mm DIN rail
Ground system	TN-S/TN-C,TT



EPS1/2



EPS1/4

EPS1 Series		Surge Protective Device					
	Type	Poles	Uc(V~)	Discharge current		Up (kV)	Applicable grounding system
				Nominal (kA)	Max. (kA)		
 EPS1-C/2	EPS1-C/2-275-40	2	275	20	40	<1.5	TT/TN
	EPS1-C/2-320-40		320	20	40	<1.7	
	EPS1-C/2-385-40		385	20	40	<1.8	
 EPS1-C/4	EPS1-C/4-275-40	4	275	20	40	<1.5	
	EPS1-C/4-320-40		320	20	40	<1.7	
	EPS1-C/4-385-40		385	20	40	<1.8	

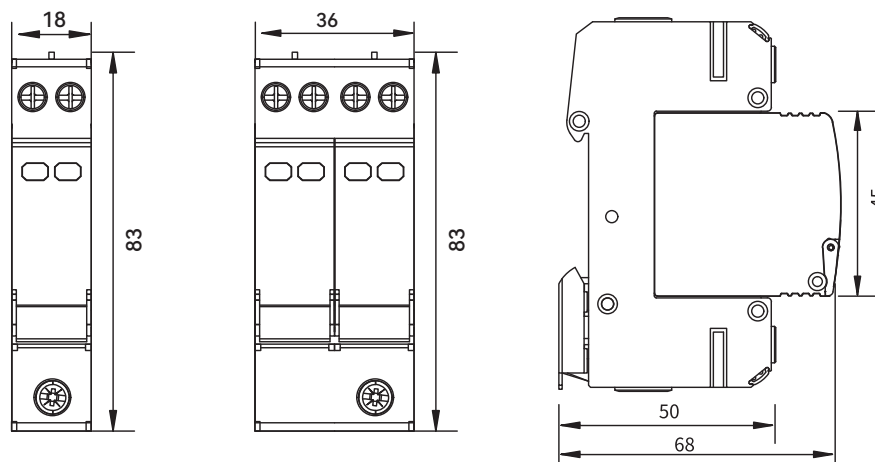
EPS1 Series

Surge Protective Device

Mechanical characteristics

Type	2P	4P
Mechanical characteristics		
Connection	By screw terminals : 6-25 mm ²	
Terminal Screw Torque	2.0 Nm	
Recommended Cable cross Section	≥6mm ²	≥10mm ²
Degree of Protection	IP20	
Housing	PA	
Flame retardant grade	UL94 V0	4.8VA
Operating temperature	-40°C~70°C	

Overall and mounting dimensions



Working Principle Diagram

