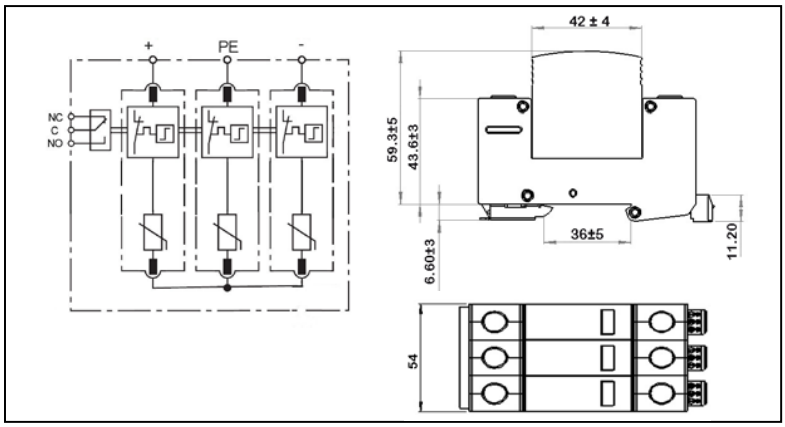
SPD For PV Power Supply System

ASISPV600-V-CD (-S)

Common & Differential Mode DC Surge Protective Device for PV

The SP series of modular SPDs is DIN rail mountable, based on the PROSURGE'S patented MOV technology, providing advanced surge protection. The devices are UL Recognized and KEMA certified. The SPD base is designed to be mounted on 35mm DIN rail while plugs are easily replaceable. The SPD has a patented thermal disconnector design with an extinguishing device, which gives a quick thermal response and device cutoff.

- DIN rail mountable and ease of installation
- Innovative thermally protected MOV technology (Patent)
- Quick thermal response self-protected design with internal arc extinguishing
- Visual indicator
- Maximum discharge current of 50 kA
- Meets all requirements of UL 1449 3rd, Edition, IEC61643-11
- Remote indicator, Form C (optional)
- In of 20kA



Technical Data

Type	ASISPV600-V-CD（-S）
Standards	UL1449 3rd Edition, IEC61643-11:2011
Category UL/IEC	Type 4, Class C(II)
Protection Mode	Differential mode &Common mode
Nominal voltage	600VDC
Max. continuous operating voltage (DC)	670VDC
Nominal discharge current (8/20) In	20KA
Max. discharge current(8/20) Imax	50KA
Response time	≤25 ns
Operating temperature range	- 40ºC … + 85ºC
Operating humidity range	0~90%
Dimensions	90mm(L),54mm(W),66mm(H)
Max. Size of connecting wire	Single-strand 35mm^2(or # 2AWG) ; multi-strand 25mm^2(or # 4AWG)
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3
Enclosure material	thermoplastic; UL94 V-0
Degree of protection	IP20
Installation width	3 modules, DIN 43880
Visual Indicator	Window, Green-OK, Red-Replace
Remote alarm contact	Optional
Additional	
Remote alarm contact type	Isolated Form C
Switching capability U_N/I_N	AC: 250V/0.5A DC: 250V/0.1A; 125V/0.2A; 75V/0.5A
Max. Size of connecting wire	Max. 1.5mm^2(or # 16AWG)