

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

- DIN rail mountable and ease of installation
- Innovative thermally protected technology
- Quick thermal response self-protected design with internal arc extinguishing
- Visual indicator
- Maximum discharge current of 50 kA
- Meet all requirements of UL 1449 4th Edition, IEC61643-11
- Remote indicator, Form C
- Follow current I_{fi} 100 A

Technical Data

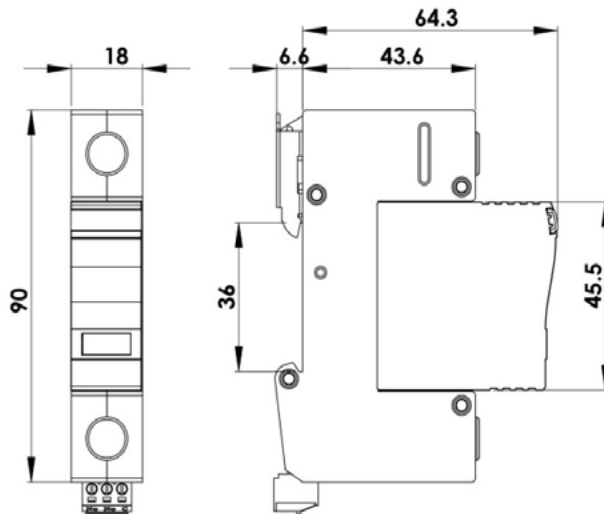
Type	ASISP150T	ASISP255T
Standards	UL 1449 4th Edition, IEC61641-11:2011	
MCOV (U _c , Vac) N-PE	150 V	255 V
Nominal Discharge Current (8/20)I _{max}	50kA	
Response Time	≤100ns	
Follow Current I _{fi}	100 A @ 150Vac	100 A @ 255 Vac
Operating Temperature Range	-40°C... + 80°C	
Operating Humidity Range	0-90%	
Dimensions	90mm (D), 18 mm (W), 66 mm (H)	
Max. Size of Connecting Wire	Single-Strand 35mm ² (or #2 AWG), Multi-strand 25 mm ² (or #4 AWG)	
Mounting	35 mm DIN Rail in accordance with EN50022/DIN 46277-3	
Enclosure Material	Thermoplastic, UL 94 V-0	
Degree of Protection	IP20	
Installation With	2 Modules, DIN 43880	
Visual Indicator	Window: Green-Ok, Red- Replace	
Remote Alarm Contact	1 Form C	
Remote Alarm Contact Type	Isolated Form C	
Switching Capability UN/IN	AC: 250V/0.5A, DC: 250 V/0.1A, 125 V/0.2A, 75 V/0.5A	
Max. Size of Connecting Wire	Max. 1.5mm ² (or #16AWG)	

Applications

- AC Distribution
- Power Supplies
- Industrial Automation
- Telecommunications
- PLC Applications
- Transfer Switches
- HVAC Applications
- AC Drives
- UPS Systems
- Control Panels



Dimensions



Basic Circuit Diagram

