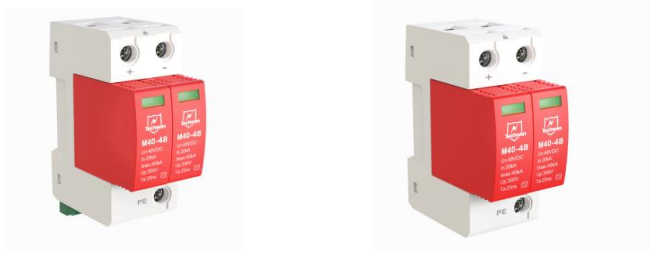


DIN-rail mounting DC power Surge protective device (SPD)


DC power SPD is designed for the protection of DC power systems from the damage of lightning over voltage, induce over voltage, transient operation and resonance (Less than 100 μ s) over voltage.

Application

- Widely used in communication equipment, DC power supply system.
- DC power system DC switchboard, DC distribution board
- DC distribution panels, DC power panels, DC power plant
- Electronic information system
- power plant control
- Switching mode power supply (SMPS Box, SMPS cabinet),
- high-frequency switching mode power supply, UPS system
- BBU (Battery Backup Unit) RRU (remote radio unit) (RRH remote radio head)
- Integrated power supply
- Data center, IDC power system, Column head cabinet

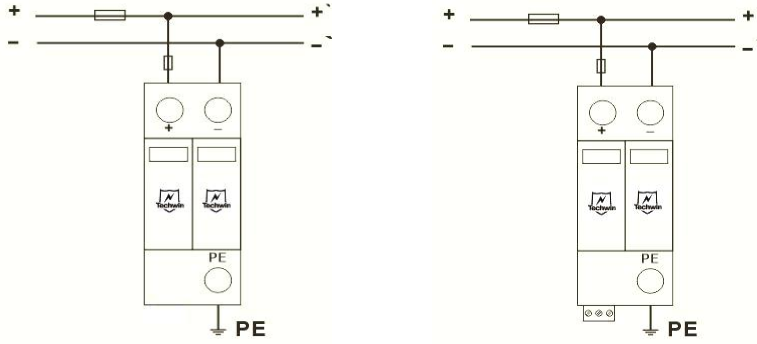
Feature:

- MOV structure
- DIN-rail mounting for easy installation
- Plug connectors for quick and easy connection or rewiring
- Thermal disconnect device
- Low residual voltage, fast response
- Remote alarm
- Status indicator
- CE certificated

Technical parameters

Model	M10-24	M15-48	M20-24	M20-48	M40-24	M40-48	M40-220
Lighning proection zone(LPZ)	1-2						
Standards Compliance	IEC61643-11, EN60950						
Classification	Class II . C/D						
Nominal working voltage Un	24V	48V	24V	48V	24V	48V	220V
Max continuous operating voltage Uc	30V	75V	30V	85V	30V	85V	320V
Nominal discharge current (8/20 μ s) In	5KA	10KA	10KA	10KA	20KA	20KA	20KA
Max discharge current Imax (8/20 μ s) Imax	10KA	15KA	20KA	20KA	40KA	40KA	40KA
Protection level 8/20 μ s Up	280V	400v	350V	400V	500V	550V	1300V
Response time tA (L-N/N-PE)	25ns						
Protection model	+、--PE						
Dimension	90 (H) \times 36(W) \times 66(L)mm						
Recommend connecting line diameter(+/- line /PE Line)	$\geq 4/6\text{mm}^2$	$\geq 4/6\text{mm}^2$	$\geq 4/6\text{mm}^2$	$\geq 4/6\text{mm}^2$	$\geq 6/10\text{mm}^2$	$\geq 6/10\text{mm}^2$	$\geq 6/10\text{mm}^2$
Mounting	35mm DIN-rail Mounting						
IP code	IP20						
Working conditions	Temperature: -40 to 80 $^{\circ}$ C, Relative humidity: $\leq 95\%$						

Wiring diagram



Dimension

