

Wind protection device- DIN-rail AC power SPD for wind turbines voltage limiting type SPD



Description:

Wind power SPD is mainly used to protect wind power system equipment and sensitive electric and electronic parts in turbine system from lightning over-voltage and transient over-voltage, widely applied in power line protection in wind power system's distribution box, and other AC distribution box.

Feature:

1. Own designed temperature control circuit-breaking technology and built-in overcurrent protection circuit to completely avoid fire danger.
2. Working state and failure state are clear and intuitive.
3. Kevin wiring is workable.
4. Convenient installation and simple maintenance.
5. Remote alarm Status indicator
6. Exquisite workmanship, can work in hostile environments such as acid, alkali, dust, salt spray and humidity for a long time.

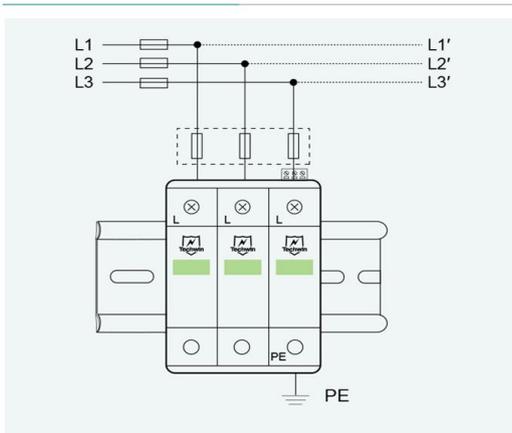
Application

Applied to wind power protection system, Wind power generator,
Low voltage transformer box, Output of second power equipment, US and European box are applicable

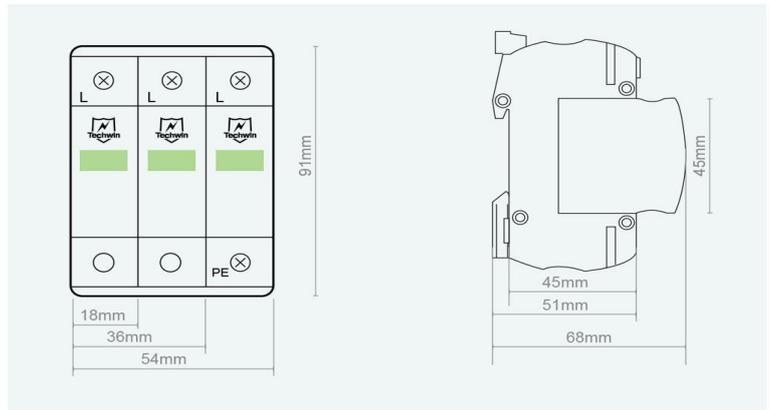
Technical parameters

Model	M40W-690	M40W-750	M80W-690	M80W-750	M100W-690	M100W-750
Lightning protection zone(LPZ)	1-2					
Standards Compliance	IEC61643-11, EN60950					
Classification	Class C/Type 2					
Nominal working voltage Un	690V	750V	690V	750V	690V	750V
Max continuous operating voltage Uc	720V	820V	720V	820V	720V	820V
Nominal discharge current (8/20μs) In	20KA	20KA	40KA	40KA	50KA	50KA
Max discharge current I _{max} (8/20μs)	40KA	40KA	80KA	80KA	100KA	100KA
Protection level U _p	≤3000V	≤3200V	≤3000V	≤3200V	≤3300V	≤3300V
Response time t _A (L-N/N-PE)	25ns					
Protection model	L1, L2, L3-PE/L1, L2, L3, N-PE					
Dimension	91 (H)×54(L)×68(W)mm				91 (H)×108(L)×66(W)mm	
Mounting	DIN rail Mounting 35mm					
Cross section of connection wire	L/N wire ≥6mm ² , PE wire ≥ 10mm ²					
IP code	IP20					
Working conditions	Temperature: -40 to 80°C, Relative humidity: ≤95%					

Wire diagram



以 M40W-690 为例



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