

AC Power Surge Protector

Model:TX120VAC

Thank you for choosing AC Power Surge Protector TX120VAC. The model is designed for protecting The power distribution system from lightning over-voltage, induced over-voltage and static discharge.

FEATURES:

- DIN rail mounting for easy installation
- Plug connectors for quick and easy connection or rewiring
- 40kA maximum surge current
- Thermal disconnect device
- Status indicators visually verify protection level
- Surge protection device with N-PE residual current spark gap as 1+1 circuit

TECHNICAL PARAMETER:

Model	TX120VAC
Electrical parameter	
Nominal working voltage Un	50/60Hz 120V AC
Max. continuous operating voltage Uc	150V
Nominal discharge current (8/20 μ s) In	20kA
Max. discharge current (8/20 μ s) I _{max}	40kA
Protection level @20kA , 8/20 μ s Up	800V
Response time tA	25ns
Protection model	L-N, N-PE
General data	
Dimension	90 (H)×36 (W)×65(L)mm
Weight per unit	250g
Mounting	35mm DIN rail
Connecting diameter	≥10mm ²
IP code	IP20
Working conditions	Temperature: -40 to 80°C, Relative humidity: ≤95%
Standards compliance	IEC61643-1, ROHS

INSTALLATION AND MAINTENANCE

- a) The SPD should be make sure in indoor or waterproof boxes.
- b) The SPD should be avoid direct sunlight.
- c) The SPD should be installed without in the violent vibration place, the SPD should be installed on DIN35mm guide rail.
- d) No special duty needs to be carried out for maintenance. When problem arises and the SPD is suspected, check the system with SPD taken out of circuit. Should system recover, the SPD shall be regarded as a damaged unit and must be replaced immediately.
- e) To make sure the SPD can be reliable grounding, and the power frequency grounding resistance in accordance with the relevant specification requirements.