Quality Maker®
Restarsolar, power the life



DC Surge Protective Device

RTSPD-40/DC600/2P

Product Features

Large flow capacity
Large flow capacity, low residual voltage, and fast response time;

Low leakage
Low leakage current and rate of change;

High reliability
Using special impact melting plates, it has high reliability;

Modular design
Adopting standard modular design

Durability Against Extreme Conditions
Equipped with work fault indication and optional remote signaling alarm function

Reliable operation
Excellent performance of core components, stable and reliable operation;

Rigorous structure
Rigorous structure, easy installation, and simple maintenance

Work in harsh environments
Can work in harsh environments such as acid, alkali, dust, salt spray, and humidity for a long time

Applicable Scenarios



Photovoltaic



The power system



In the field of communication



Transportation industry
industrial automation and control field

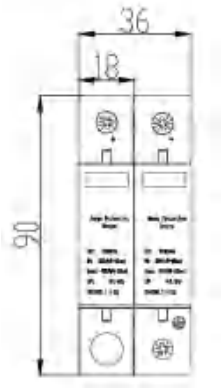
The DC 600V Surge Protective Device is mainly used to prevent equipment damage caused by transient overvoltages such as lightning strikes and operational overvoltages in DC 600V power supply systems or signal lines.

Specifications

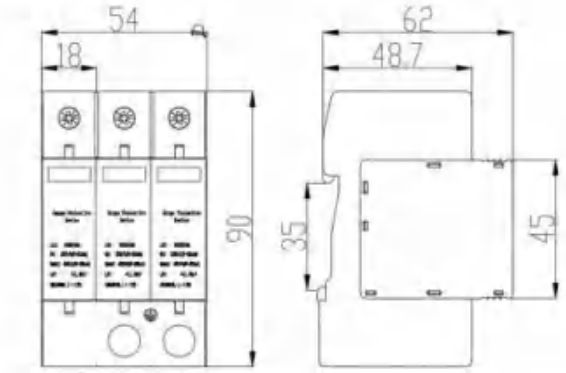
Model	RTSPD-40/DC600/2P
Maximum continuous operating voltage Ucpv	600Vdc
Nominal discharge current (In 8/20 μs)	20kA
Maximum discharge current (Imax 8/20 μs)	40kA
Protected mode	+,- /PE
Protection Level Up	<1.8KV
Response Time	<25ns
Test Standard	GB18802.1、IEC61643-1
Wire diameter	2.5-4mm2
Selection of fuses or circuit breakers	Surge specific backup protector with 16-32A or equivalent parameters
Protection level	IP20
Installation method	35mm rail installation
Working environment	Environmental temperature: -40 ℃~+85 ℃; Relative humidity:<95% (25 ℃);Altitude ≤ 3km

Size chart

2 POLE

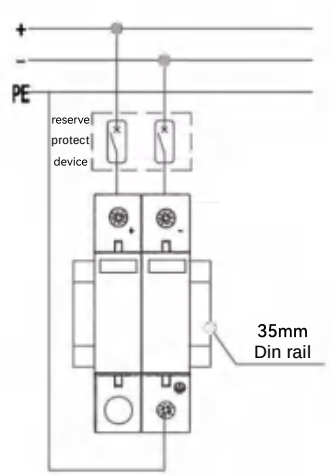


3 POLE



Wiring method

2P Wiring



3P Wiring

