



ASPD40-120_r Datasheet

Aiming to create better and safer working environments and life experiences through the products we deliver.



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Power Supply Surge Protector

ASPD40-120_r is widely used in industrial control systems, and surge protectors are connected in series in the power supply circuit to prevent surges from invading the equipment along the power line and causing damage to the equipment. The product is DIN-rail mounted (can pass the impulse current test of 8/20 μ s) and are used to protect electrical and electronic equipment from the influence of lightning electromagnetic pulse induced voltage, operating transient and resonant (<100 μ s) overvoltage. It is widely used in lightning protection in the fields of communication equipment, electrical, electrical appliances, power equipment, security monitoring, transportation, industrial control, aviation, etc. The product has fast response time, low residual voltage, and the flame retardant level reaches V-0 level, which plays a role in safety protection.



Ordering Information

Model Name	Description
ASPD40-120_r	Nominal working voltage: 120V AC(DC), Total nominal discharge current : 5KA, DIN Rail, IP20, Remote Signaling Function



Specifications

Technology	
Nominal working voltage Un	120VAC (DC)
Max continuous operating voltage Uc	150V AC (DC)
Total nominal discharge current In	5KA
Norminal discharge current per line In	2.5kA
Rated load current IL	5A
Voltage protection level Up (1KV/ μ S)	<850v
Response time (Ta)	25ns(L-N), 100ns(L/N-PE)
The connection type of SPD	2 ports/ In Series
The qty of the protection wires	3
Failure indication/work status	Red-failure, with dry contact
Max size of Connecting wire	2.5mm ²

Mechanical & Environmental	
Installation	35mm Standard DIN-Rail
Dimension	103*73*18mm
Ingress Protection	IP20
Operating Temperature	-40°C~+85°C
Humidity	≤95%(25°C)
Warranty	3 years



Installation dimensions

Unit: mm

