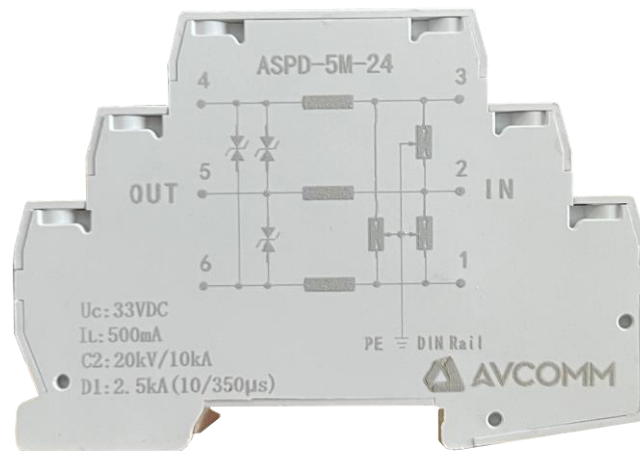




ASPD-5M-24

Datasheet

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



AVCOMM Technologies, Inc

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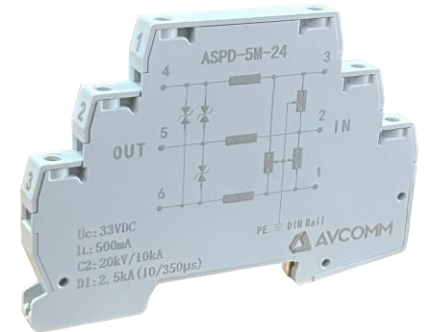
Email: info@avcomm.us

Phone: (713) 933-4534

Address: 333 West Loop North, Suite 460
Houston, TX 77024
United States

Signal SPD

ASPD-5M-24 is mainly used for lightning protection of 3-wire 4~20mA analog signal lines. It is widely used in industrial control systems and connected in series in the signal loop to prevent surges from invading the equipment along the signal line and causing damage to the equipment. The product is installed in a standard rail (can be impacted by current with an 8/20 μ s waveform) and is used to protect electrical and electronic equipment from lightning electromagnetic pulse induced voltage, operating transients and resonant (<100 μ s) overvoltage. It is widely used in lightning protection in communication equipment, electrical, electrical appliances, power equipment, security monitoring, transportation, industrial control, aviation and other fields. This series of products has fast response time, low residual voltage, and a flame retardant level of V-0, which plays an effective safety protection role.



Ordering Information

Model Name	Description
ASPD-5M-24	Nominal working voltage: 24V, Nominal discharge current: 10KA, 10M, -40°C to +85°C, IP20



Specifications

Technology	
Nominal working voltage Un	24V
Max continuous operating voltage Uc	33V
Norminal discharge current In	10KA
Max discharge current Imax	20kA
Lightning Impulse current (10/350 μ S) Iimp	2.5A
Total impulse current (10/350 μ S) Iimp	7.5KA
Voltage protection level Up (1KV/ μ S)	\leq 60V
Transmission rate	10Mbps
Rated load current IL	500mA
Insertion loss (Ae)	\leq 0.5db
Response time (tA)	1ns
The connection type of SPD	2 ports/ In Series
The qty of the protection wires	3
Connection type	Compression type

Mechanical & Environmental	
Installation	35mm Standard DIN-Rail
Dimension	91*7*64mm
Ingress Protection	IP20
Operating Temperature	-40°C~+85°C
Humidity	≤95%(25°C)
Warranty	3 years



Wiring Diagram

