



ASPD20-ZH-220

Datasheet

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



AVCOMM Technologies, Inc

www.avcomm.us

Email: info@avcomm.us

Phone: (713) 933-4534

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

2 in 1 Surge Protector

ASPD20-ZH-220 integrates the protection of power and video signals into one unit. It features a metal casing for aesthetic appearance and convenient installation. It offers functions such as corrosion resistance, flame resistance, electromagnetic shielding, and failure indication. The power is connected in series and is suitable for various electronic and electrical equipment with 24VAC (50/60Hz) and a load current not exceeding 5A. The video signal is designed to protect devices such as cameras.



Ordering Information

Model Name	Description
ASPD20-ZH-220	Power: 220V; Signal: 5V, RJ45, 10/100M; -40°C ~ 70°C

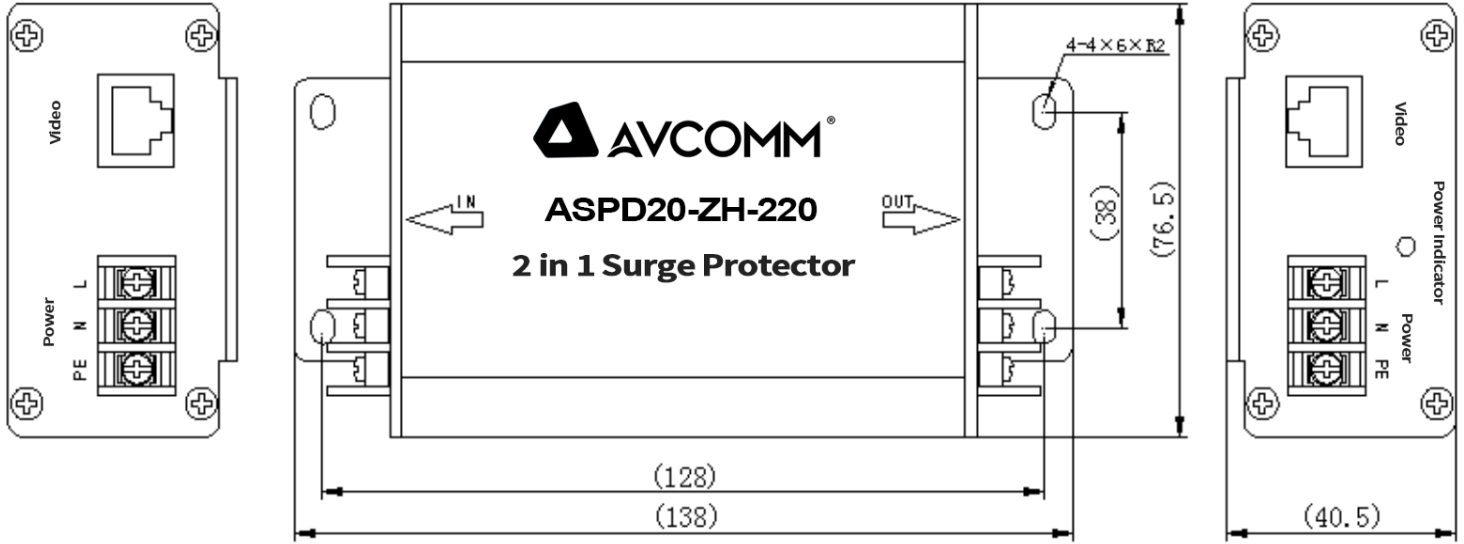
Specifications

Power	
Operating Voltage	220V
Maximum Continuous Operating Voltage	385V
Rated Load Current	4A
Nominal Voltage	620V
Nominal Discharge Current 8/20µs	10kA
Maximum Discharge Current 8/20µs	20kA
Limiting Voltage 8/20µs 10kA	≤1.2kV
Protection Mode	L ~ PE N ~ PE
Signal	
Connection	RJ45
Protected Pins	1, 2; 3, 6
Operating Voltage	5V
Transmission Rate	100Mbit/s
Insertion Loss Rate	≤1dB

Impact Limit Voltage 10/700µs	≤30V	
Impact Limit Voltage 1.2/50µs 8/20µs	L-L 600V 300A	≤70V
	L-PE 6kV 3kA	≤150V
Impact Tolerance 1.2/50µs 8/20µs	L-PE	6kV, 3kA
	SE-PE	10kV, 5kA
	L-L	600V, 300A
Mechanical		
Dimension	138 mm×76.5 mm×40.5 mm	
Weight	≤350g	
Ingress Protection	IP20	
Material	Metal	
Environmental		
Operating temperature	-40°C ~ 70°C	
Humidity	5%~96%	
Altitude	86kPa ~ 160kPa	
Warranty	3 years	

Installation dimensions

Unit: mm



Connection Method:

