



ASPD-XT-4R-5P

Datasheet

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



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Signal SPD

ASPD-XT-4R-5P This product is used for protecting the interface circuit of Gigabit Ethernet and supports PoE. It greatly improves the Ethernet's capability to withstand surge voltage and lightning impulse. The product has the characteristics of high transmission rate, fast response speed and low protection level.



Ordering Information

Model Name	Description
ASPD-XT-4R-5P	Suitable for Gigabit Ethernet, support POE, 1xRJ45 interface, -40°C~70°C, IP20

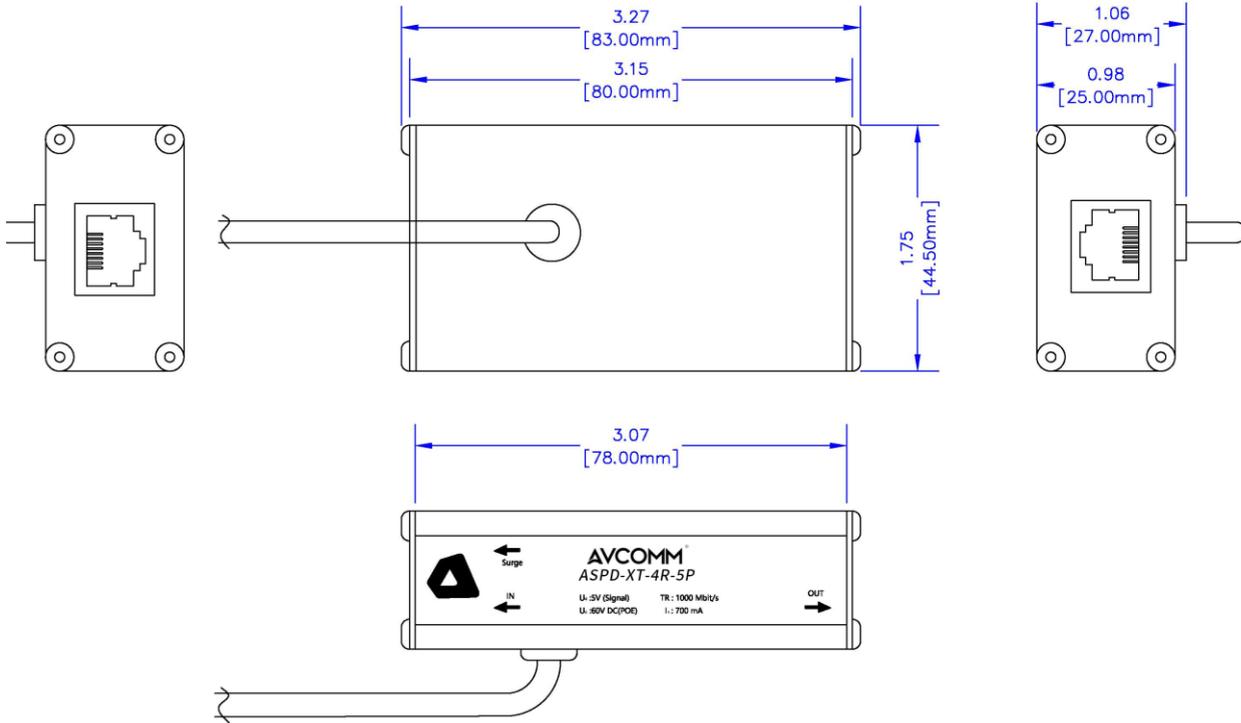
Specifications

Technology		
Rated Voltage U_n	Gigabit network : 3.3V DC; POE: 48V DC	
Rated Operating Current I_L (room temperature)	700mA	
Max Continuous Operating Voltage U_c	Gigabit network: 5V DC; POE: 60V DC	
Impulse Withstand Test (1.2/50 μ s, 8/20 μ s)	L-L	1 kV/500 A
	L-PE	4 kV/2 kA
Nominal Discharge Current 8/20 μ s	L-L	500 A
	8 lines-PE	6 kA
Limiting Voltage (1.2/50 μ s, 8/20 μ s)	L-L	After 2 μ s, \leq 40V
	L-PE	After 2 μ s, \leq 300V
Impulse Withstand Test 10/700 μ s	8 lines-PE	6 kA
Protection Mode	L-L, L-PE	
Transmission Rate	1000Mbit/s	
Insulation Resistance	\geq 100k Ω	
Type of Interface	RJ45 Socket	
Pins To Be Protected	1, 2, 3, 6, 4, 5, 7, 8	
Mechanical		
Material	Aluminum	
Dimension	80mm \times 45mm \times 25mm (D x W x H)	
Ingress Protection	IP20	
Weight	<150g	

Environmental	
Operating temperature & humidity	-40°C ~ +70°C, ≤ 95% (25°C)
Storage temperature & humidity	-40°C ~ +80°C, ≤ 85%
Altitude	≤3000m
Warranty	3 years

Installation dimensions

Unit: $\frac{\text{inch} \pm 0.040}{[\text{mm}] \pm 1.00}$



Connection Method:

