

VidoNet SP-005VPD

3 in 1 Surge Protector

Description: SP-005VPD is a standard video, power, control signal surge protector designed according to GB/T18802.21-2004/IEC61643-21:2000.

The device features multi-level protection, large max discharge current, low limiting voltage, quick reacting time, low inserting loss etc.. It's widely used in monitoring system video, power and control signal overload protection. Protect it from induce overvoltage, switching overvoltage and ESD. CCTV project and Environment Surveillance system.



【 Features 】

1. Standard: IEC61643-21:2000 Nation Standard ;
2. Protection signal: CCTV video signal, bandwidth over 10MHz , 220V AC ;
3. Properties: Multi-function and multi-level over-voltage protection , large flow capacity , low voltage quick response , little insertion loss ;
4. Ground manner: Extension cable touches the ground directly ;
5. Design : Clear and scientific mark , easy to recognize , All-aluminum-made cover , compact design , easy installation;

【 Specification 】

Item	Description	
Video	Rated operation voltage	5V
	Max continuous operating voltage	6V
	Nominal discharge current in (8/20μs)	5KA
	Max discharge current(8/20μs)	10KA
	Voltage protection level (10/700μs)	<20V
	Reacting time	≤ 1ns
	Inserting loss	≤ 0.2dB
	Inserting resistance	≤ 1Ω
	Signal Bandwidth	10MHz
	Port	BNC
Power	Nominal working voltage	220V
	Max continuous operating voltage	320V
	Nominal discharge current (8/20μs)	5KA
	Max discharge current (8/20μs)	10KA
	Limiting voltage (8/20μs)	< 800V
	RLA	≤ 10A
	Leakage Current	≤ 5μA
	Reacting Time	≤ 25ns
Control Signal	Rated operation discharge	5V
	Max continuous operating voltage	6V
	Nominal discharge current (8/20μs)	5KA
	Max discharge current(8/20μs)	10KA
	Impulse limiting voltage (10/700μs)	<20V
	Insulation resistance	≥ 0.4MΩ
	Insertion loss	≤ 0.5dB
	Standing-wave ratio	≤ 1.2
	Transmission Rate	<2Mbps
	Reacting time	≤ 1ns
Environmental	Working temperature	-10~50'C
	Storage temperature	-40~70'C
	Humidity (Non-Condensing)	0~95%
Mechanical	Dimension	112mm*64mm*38 mm
	Material	Aluminum
	N.W.	178g
Stability	MTBF	>30000hrs

[Connection]



[Application]

