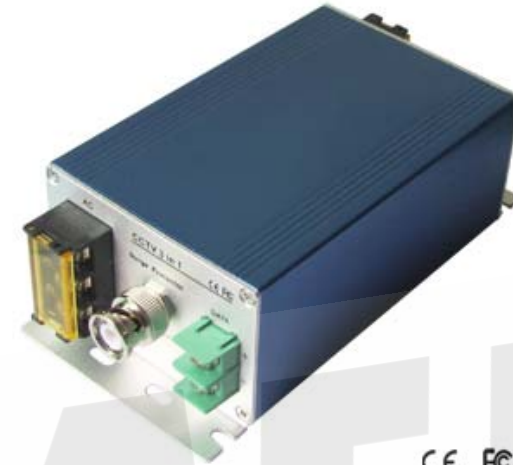


Model FS-SP3001VPD(24VAC)

Features

Video, Power & Data Surge Protector

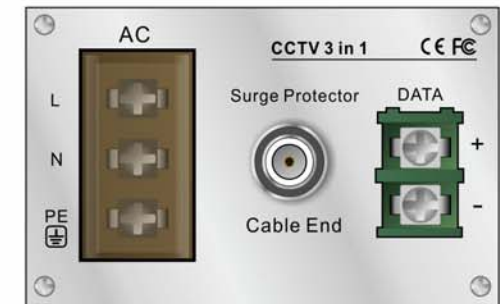
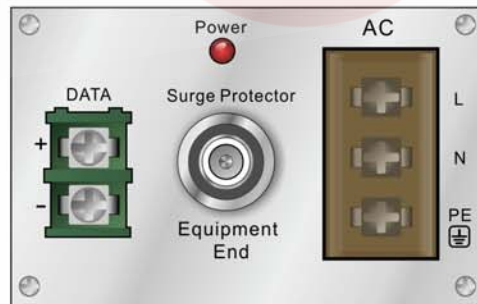
- Multi-functional over-voltage surge protection
- Discharge current 20KA
- Tow- in -one design
- Low loss
- High-speed response time (10-12s)
- If the lightning protection is failed, LED will indicate.



CE FC

Overview

The Folksafe's FS-SP3001VPD(24VAC) is a video, power and data surge protector device designed according to the standard of GB/T18802.21-2004/IEC61643-21:2000 and CCTV criteria requirements. The device features multi-level protection, large capacity for through-flow, low limiting voltage, quick response time, less insertion loss. It adapts to overvoltage protection for security video signal and power, protecting the device from the damage of induced overvoltage, switching overvoltage and static discharge. It's widely used in security monitoring system, environment monitoring system.



Technical Specifications

Model		FS-SP3001VPD(24VAC)
Product Name		Video, Power & Data Surge Protector
Application		cable CCTV transmission, electron monitoring system such as DVR, LET and camera and etc..
Video	Rated Working Voltage	5V
	Max Continuous Operating Voltage	8V
	Discharge Time(8/20 μ s)	5KA
	Max Discharge Current(8/20 μ s)	10KA
	Voltage Protection Level(10/700 μ s)	15V
	Insertion Resistance	$\leq 4.3\Omega$
	Insertion Loss	$\leq 0.2\text{dB}$
	Standing-Wave Ratio (SWR)	≤ 1.2
	Bandwidth	0.3-10M
	Transmission Rate	10M
Response Time	$\leq 1\text{nS}$	
Power	Standard Operating Voltage	24V AC
	Max Continue Operating Voltage	28V AC
	Nominal Discharge Current	10KA
	Max Discharge Current	20KA
	Limited Voltage	60V AC
	Rated Load Current	15A
	Leakage Current	5 μ A
	Response Time	$\leq 25\text{ns}$
Signal Control	Nominal Operating Voltage	8V
	Max Continue Operating Voltage	12V
	Nominal Discharge Current (8/20 μ s)	5KA
	Max Discharge Current (8/20 μ s)	10KA
	Rated Load Current	3A/5A
	Response Time	1ns
	Insertion Loss	$\leq 0.2\text{dB}$
	Insertion Resistance	$\leq 4.3\Omega$
	Bandwidth	(0~10)M

	Transmission Distance	10MHz
Protection	Housing Protection	Ip20
Mechanical	Dimensions (L*W*H)	110*70*45mm
	Housing	Aluminum alloy
	Body Color	Blue
	Net Weight	295g
Environmental	Operating Temperature	-20~55°C
	Relative Humidity	0~95% (non-condensing)
	Storage Temperature	-40° ~ 85° C

Application Diagram

