

CCTV Protection with PSU & RS485

Features

- Easy installation
- Low insertion loss
- Failsafe protection

Coaxial protection for high speed data transmission lines. Suitable for CCTV with PTZ control. Implementation of surge platform gives a high degree of protection in the absence of a low impedance earth connection.



Specifications

CCTV

Max operating voltage	±1.5V
Max operating current	0.3A
Max operating current ismax differential mode (8/20)	10kA
Max discharge current ismax common mode (8/20)	10kA
Residual voltage differential mode at 5kA (8/20)	<2.5V
Insertion loss at 10MHz	0.08dB
Connectors	BNC F-F
Temperature range	-10°C to +70°C
Application	CCTV Composite

POWER SUPPLY

Max PSU voltage	15V DC	24V AC / 36V DC
Max PSU current	1A	
Max clamping voltage differential mode @ 2.5kA	<100V	<100V
Max clamping voltage common mode @ 2.5kA	<200V	<200V
Max surge current rating differential mode	2.5kA (8/20)	2.5kA (8/20)
Max surge current common mode voltage	2.5kA (8/20)	2.5kA (8/20)
Connectors	2 way push type screw terminals	
Application	Camera protection on power supply	
Order codes	12-00170	12-00171

RS485 Data

No of pairs	1
Max operating voltage	6,8V
Operating current	0,4mA
Max. discharge current ismax differential mode	400A (8/20)
Max. discharge current ismax common mode	5kA (8/20)
Residual voltage at ismax differential mode	Approx. 20V
Residual voltage at ismax common mode	Approx. 70V
Insertion loss	<0,1dB @ 2Mbits/s
Return loss	>40dB
Connectors	3 way push type screw terminals