

# Protection System for IP Cameras

## CAT 5 and DC Protection

### Features

- Easy installation
- Protects data and DC power
- Compact Size



### Specifications

#### Power Module

Max. voltage	18VDC
Max. current	1A
Protection level at 5kA 8/20	Approx. 20V
Connectors	Pluggable screw terminals

#### Data Module

Clamping Voltage	<10V (1.2/50)		
Max. discharge current - coarse protection	2500A (8/20)		
Max. discharge current - fine protection	300A (8/20)		
Pairs protected	1-2, 3-6, 4-5, 7-8		
Test frequencies in Mhz	20	62.5	100
Insertion loss in dB (with RJ45 sockets)	0.13	0.39	0.83
Next limits as per IEC 11801	>40.7 (35)	>30.7 (27)	>29.1 (24)
Return loss limits as per IEC 11801	>27.8 (15)	>31.4 (10)	>22.8 (10)
Data rate	>100Mbits/s		
Band width (3dB per pair)	>220MHz		
Standards compliance	Fast Ethernet 802.3U, IEC 11801 and IEEE 502.3		

#### Designed and Manufactured by:

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