

Code: OPSD-5

SPEED DOME CAMERAS OVERVOLTAGE LIMITER OPSD-5

Net: 22.94 EUR Gross: 22.94 EUR

Our statistics collected from many years of service show that about 25 percent of damages of electronic equipment was caused by overvoltages. Overvoltage induced out of electromagnetic field during close lightning strikes or short, rapid power stroke. The OPSD-5 overvoltage limiter is designed to Speed Dome cameras overvoltage protection.

ATTENTION! Before installation please read the following instructions: Any installation work cannot be led during thunderstorm. The OPSD-5 requires good quality grounding installation. The limiter should be placed as near as possible to the protected device.



SPECIFICATION

Standard:	• AHD - 5 Mpx • HD-CVI - 8 Mpx 4K UHD • HD-TVI - 5 Mpx • CVBS - PAL / NTSC
Device protects:	• Video line (asymmetric or symmetric signal) • RS-485 • Power supply 12V DC • Power supply 24V AC
Input socket type:	terminals
Output socket type:	terminals
Threshold voltage:	> 2.4 V (wire/wire) (Video) > 8.2 V (wire/wire) (RS-485) > 15 V (wire/wire) (Power supply 12V DC) > 36 V (wire/wire) (Power supply 24V AC) > 18.4 V (wire/ground) (Video) > 19.4 V (wire/ground) (RS-485) > 47 V (wire/ground) (Power supply 12V DC) > 47 V (wire/ground) (Power supply 24V AC)
Maximum stroke current:	5 kA (Video) 5 kA (Power supply 12V DC) 5 kA (Power supply 24V AC)
Maximal stroke current RS-485 (t=8.3ms):	30 A
Serial impedance per line:	1 Ω (Wire Video)
Capacity:	< 7 pF (Video)
Response time:	15 ns (Video) 15 ns (RS-485) 15 ns (Power supply 12V DC) 15 ns (Power supply 24V AC)
Operation temp:	-50 °C ... 55 °C
Permissible relative humidity:	< 95 %
Weight:	0.11 kg

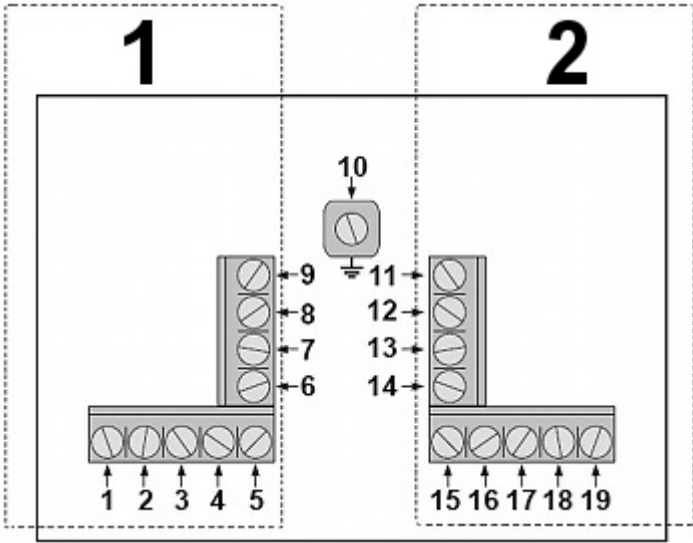
DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Dimensions:	120 x 91 x 37 mm
Manufacturer / Brand:	DELTA
Guarantee:	3 years

PRESENTATION



Connectors description:

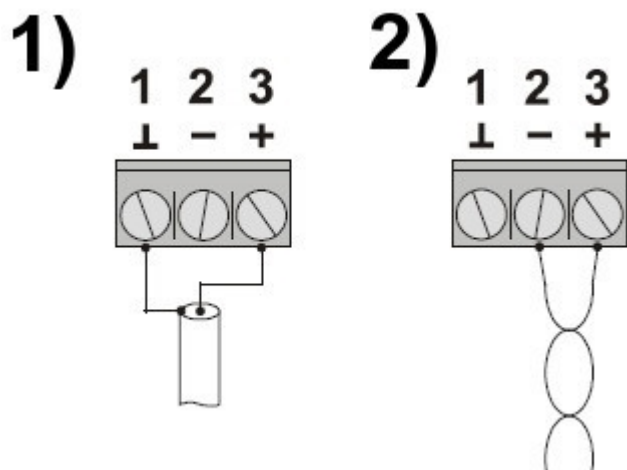


- 1) line (SURGE SIDE)
- 2) PROTECTED SIDE (protected devices)
1. video ground
2. video (-)
3. video (+)
4. RS-485 (-)
5. RS-485 (+)
6. 12V(-)
7. 12V(+)
8. AC 24V
9. AC 24V
10. Grounding
11. AC 24V
12. AC 24V
13. 12V(+)
14. 12V(-)
15. video ground
16. video (-)
17. video (+)

18. RS-485 (-)

19. RS-485 (+)

Examples of possible wiring sequence inside the plug:



1) asymmetric video signal (coaxial)

2) symmetric video signal (twisted-pair)

Package:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
----------------------------------	--------------------