

Code: OPRS-1

OVERVOLTAGE LIMITER **OPRS-1** RS-485 SYMMETRIC LINE

Net: **3.36 EUR** Gross: **4.13 EUR**

Our statistics collected from many years of service show that about 25 percent of damages of electronic equipment was caused by overvoltages. The OPRS-1 overvoltage limiter effectively protects signal line carrying away the stroke current to the ground, due to above provides adequate overvoltage protection for electronic devices.

This device is designed for applications with RS-485 data transmission. The OPRS-1 is the passive device and no supplying is required. **ATTENTION!** Before installation please read the following instructions: any installation work cannot be led during thunderstorm. The OPRS-1 should be connected to good quality grounding installation. The limiter should be placed as near as possible to the guarded appliance.

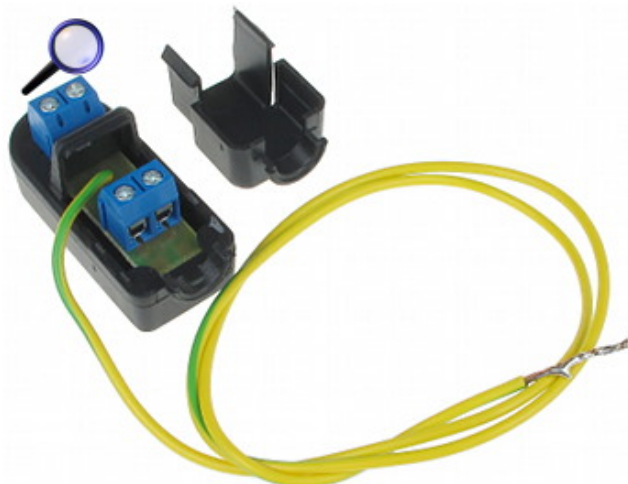


SPECIFICATION

Threshold voltage (wire-wire):	> 8.2 V
Threshold voltage (wire / ground):	> 19.4 V
Reaction time:	15 ns
Maximal stroke current RS-485 (t=8.3ms):	30 A
Grounding:	indirect, via cable
In/Out connectors type:	2x cable terminals
Operation temp. / Relative humidity:	-50 °C ... 55 °C / < 95 %
Dimensions (W x H x D) / weight:	0.17 kg
Manufacturer / Brand:	DELTA
Guarantee:	3 years

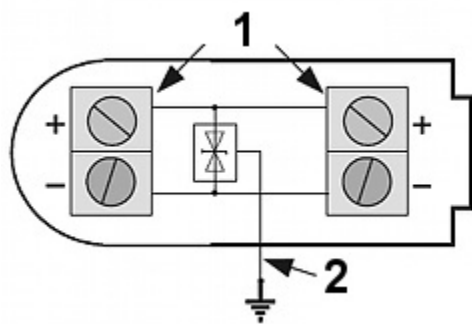
PRESENTATION

Internal view:



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Connection diagram:



- 1) cable terminals
- 2) grounding cable (connect to the grounding)

On the following schematic diagram the OPRS-1 device is used to protect the camera:



- 1) Camera
- 2) RS-485 line
- 3) Control keyboard

In order to fully protect all equipment connected to video lines against overvoltages, this application is recommended:



- 1) Camera
- 2) RS-485 line
- 3) Control keyboard