

POWER OVERVOLTAGE LIMITER OPZ-12

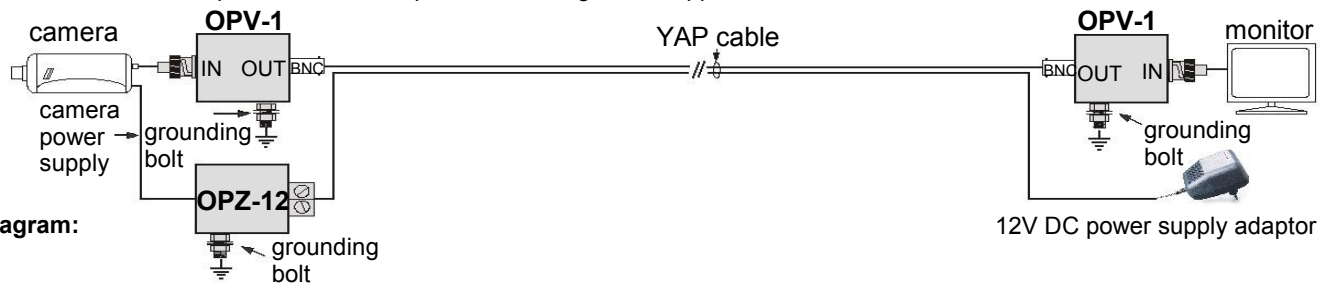
The statistics show that about 25 percent of damages of electronic equipment are caused by overvoltages induced out of electromagnetic field during close lightning strikes. The Power Line Overvoltage Limiter OPZ-12 effectively protects power transmission lines carrying away the stroke current to the ground. The device protects switching power supplies and electronic equipment against overvoltages. The OPZ-12 is a passive device - no supplying is required.

SPECIFICATIONS:

Rated voltage	12V DC
Maximum working voltage	15V DC
Rated current	1A
Maximum stroke current (8/20uS)	5kA
Level of protection by 1000V/uS	700V
Grounding	indirect, via grounding bolt
Input socket type	terminal
Output socket type	cable with DC plug 2.1/5.5mm, 30cm
PN-EN 61643-21:2002 classification	C2
Weight	55g
Dimensions	68 x 60 x 20mm

ATTENTION! Before installation please read the next instructions:

- OPZ-12 is not symmetrical - the protected appliance must be connected to the cable with DC plug (*wyjście 12V*). The input terminal (*wejście 12V LINIA*) is connected to the power transmitting line with overvoltages risk. It is important to pay attention to linking the adequate terminals: (+) to (+) and (-) to (-). Reverse connection would cause camera damage. The device has power LED indicator (correct connection test).
- Any installation work cannot be led during thunderstorm.
- OPZ-12 requires good quality grounding installation.
- The limiter should be placed as near as possible to the guarded appliance.



Schematic diagram:

Producer: P.W. "DELTA", ul. Graniczna 10, 60-713 Poznań, Poland, www.delta.poznan.pl

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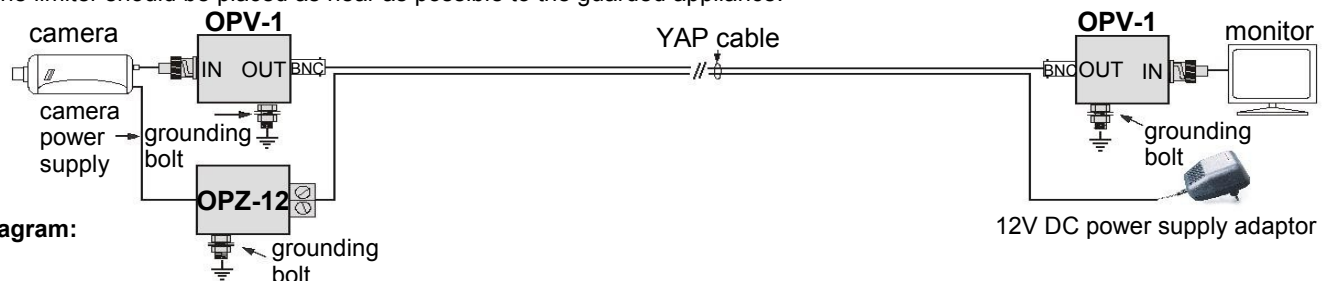
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