

Lightning and surge protection for camera systems/CCTV

For the protection of power, data and control cables in a device



PND-2in1-C-RS

Protects a 230 V power cable and the RJ45 data cable

In order to protect cameras completely against surges, both power and data cables have to be protected according to the lightning protection concept.

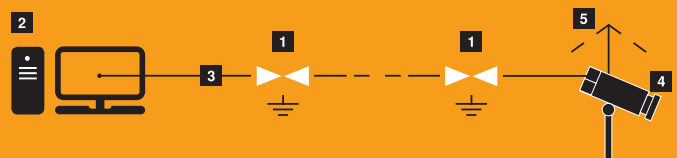
The arrestors are classified to type 1+2 and can be used in lightning protection zones 0->2. Both devices are equipped with an LED on the top of the housing to signal an error, and they have a potential-free remote signalling contact (NC).

The QR code printed on the device can be scanned with a smartphone or a tablet at any time, meaning mounting instructions are always available.

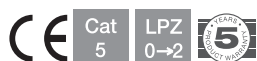


PND-3in1-C-RS

Protects a 230 V power cable, the RS485 data cable as well as the video BNC connection



Combination protection devices 2in1 and 3in1 for CCTV systems



Combination protection device

Data cable protection devices for coaxial and IP-based TV / camera systems

- Protection of power and data interface with only one device
- In an aluminium housing
- Simple mounting with an adapter connector
- Two-stage protection circuit
- 2-pole connection for the power interface
- RJ45 connection for the data interface or screw terminals and BNC connection for the data and video interface
- With remote signalling (RS) and LED operating display
- Incl. fastening kit for DIN rail



Application:

For the protection of CCTV systems, video signals, (IP) cameras and TV systems

Type	PND-2in1-C-RS/ PND-3in1-C-RS	PND-2in1-C-RS	PND-3in1-C-RS	PND-3in1-C-RS
Interface	Power	Network (RJ45)	RS485	Video
UC	275 V AC	8 V DC		
Up L-N	≤ 1.2 kV	-	-	-
Up N-PE	≤ 1.2 kV	-	-	-
Up Line-Line	-	≤ 40 V	≤ 65 V	≤ 90 V
Up Line-Earth	-	≤ 600 V	≤ 450 V	≤ 150 V
Nominal discharge current (I _n)	5 kA	-	-	-
Maximum discharge current (I _{max})	10 kA	-	-	-
Nominal discharge current (Line-Earth)	-	1.5 kA	5 kA	5 kA
Nominal discharge current (Line-Line)	-	0.15 kA	5 kA	5 kA
Rated current (I _L)	5 A	1 A	0.4 A	0.4 A
Transmission frequency	-	0-100 MHz	0-100 MHz	0-100 MHz