

Technical data sheet

Combined protection device 3in1 for CCTV camera systems

Item number: 5081072



Combination protection device for coaxial TV/camera systems

- Protection of power and data interfaces in a single device
- In aluminium housing
- Simple mounting with adapter
- Two-stage protection circuit
- Three-pole power connection for the power interface
- With LED operation display (OS)
- Incl. DIN rail fastening set

Application: Protection of CCTV, video signals, cameras and/or TV systems



Master data

Item number	5081072
Type	PND-3in1-C-OS
Description 1	Combined prot. device 3in1
Description 2	for analogue CCTV applications
Manufacturer	OBO
Dimension	230V
Smallest sales unit	1
Unit of quantity	Piece
Weight	29.9 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	2,4524 kg CO2e / 1 Piece

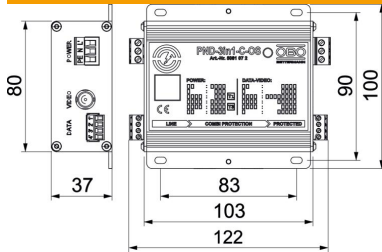
Technical data sheet

Combined protection device 3in1 for CCTV camera systems

Item number: 5081072

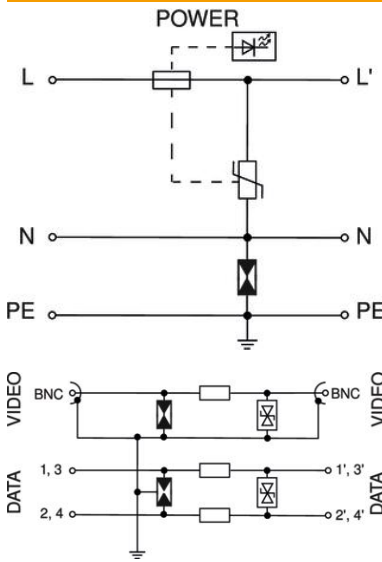


Dimensions



Length	122.5 mm
Width	100 mm
Height	37.1 mm

Technical data



Channel performance Ansi/EA	CAT 5e
Channel performance ISO/IEC	Class E
Earthing via:	Connection cable / DIN rail
Frequency range, max., data	100 MHz
Frequency range, max., video	100 MHz
Frequency range, min., data	0 MHz
Frequency range, min., video	0 MHz
Cut-off frequency, data	100
Cut-off frequency video	100 MHz
Maximum continuous voltage (L-N)	255 V
Maximum continuous voltage AC, data	5.65 V
Maximum continuous voltage AC, video	5.65 V
Maximum continuous voltage DC, data	8 V
Maximum continuous voltage DC, video	8 V
Impulse current (10/350), data	1 kA
Impulse current (10/350), video	1 kA
Category data	Type 1+2 / D1+C2
Category video	Type 1+2 / D1+C2
Idle voltage	10 kV
Lightning protection zone LPZ	1→3
Maximum discharge current (8/20 μs)	10 kA
Nominal discharge current (8/20 μs)	5 kA
Rated current	16 A
Testing standard, data	IEC 61643-21
Testing standard video	IEC 61643-21
Shield connection, data	yes
Shielding, data	Direct
Protection rating	IP20
Protection level	<1,3 kV
Protection level wire-wire, data	<65 V
Protection level wire-wire, video	<90 V
Protection level wire-earth, data	<450 V
Protection level wire-earth, video	<150 V
SPD to EN 61643-11	Type 2+3
SPD to IEC 61643-1	Class II+III

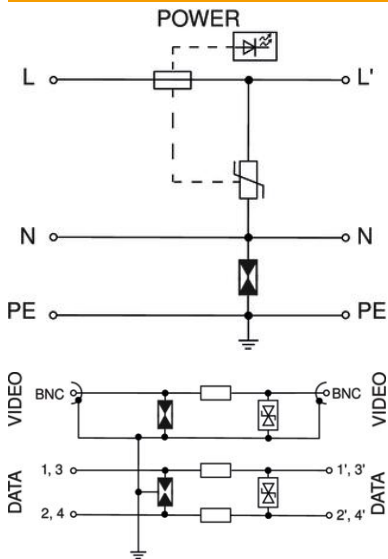
Technical data sheet

Combined protection device 3in1 for CCTV camera systems

Item number: 5081072



Technical data



SPD to IEC 61643-21, data	Class I+II / D1+C2
SPD to IEC 61643-21, video	Class I+II / D1+C2
Plug-in system	BNC
Impulse durability wire-wire, data	C2: 10 kV / 5 kA (8/20µs)
Impulse durability wire-wire, video	C2: 10 kV / 5 kA (8/20µs)
Impulse durability wire-earth, data	C2: 10 kV / 5 kA (8/20µs)
Impulse durability wire-earth, video	C2: 10 kV / 5 kA (8/20µs)
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-20 °C