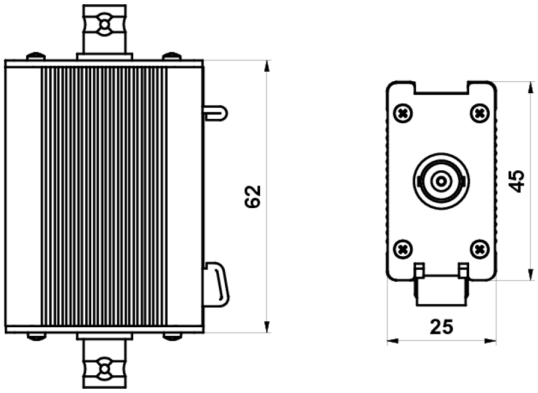

HT-CCTV-12 Xseries

- Surge protection devices of coaxial lines 50 Ω or 75 Ω with connection via BNC connector.
- Designed to protect the equipment of older video transmission systems from the effects of induced overvoltage.
- They are installed as close as possible to the protected equipment, such as cameras or video signal concentrators.

Type		HT-CCTV-12 Xseries
Testing category according to IEC 61643-21:2000 and EN 61643-21:2001		C1, C2, C3
Number of pairs		1
Connector type		BNC
Rated operating DC voltage	U_N	0 ÷ 12 V
Maximum continuous operating voltage DC	U_C	14.4 V
Rated load current	I_L	0.3 A
Maximum discharge current (8/20)	I_{max}	5 kA
C2 Nominal discharge current (8/20)	I_n	1 kA
C2 Voltage protection level at I_n	U_p	< 44 V
C3 Voltage protection level at 1 kV/µs	U_p	< 20 V
Response time	t_A	< 30 ns
Data rate		10 Mbit/s
Bandwidth	B	0 ÷ 10 MHz
Series impedance per line		2.2 Ω
Parasitic capacitance	C	< 0.027 nF
Lightning protection zone		LPZ 1-2, LPZ 2-3
Housing material		AlMgSi (EN AW 6060)
Degree of protection		IP20
Operating temperature	ϑ	-40 ÷ 70 °C
Installation		On DIN rail 35 mm
Operating position		Any
Signalling at the device		None
Remote signalling		No
Designed according to standards		
Requirements and test methods for SPDs connected to telecommunications and signalling networks		IEC 61643-21:2000
Application standards		
Protection against lightning		IEC 62305:2010

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Ordering, packaging and additional data		
Mass	m	100 g
Mass (including the packaging)	m	114 g
Packaging dimensions (H x W x D)		45 x 102 x 74 mm
Packaging value	V	0.34 dm^3
Customs tariff no.		85363010
EAN code		8590681121276
Art. number		**57 002**

The link in the QR code leads to the online presentation of the **HT-CCTV-12 Xseries**. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit **www.hakel.com**

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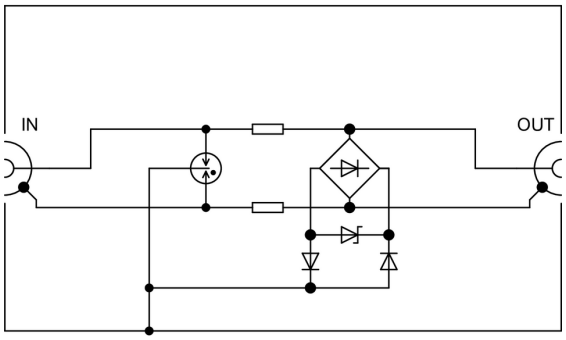
Internal diagram



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