



HT-CCTV-6 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-6 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 ÷ 6 V
Maximum continuous operating voltage DC	U_C	7.2 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	< 22 V
C3 Voltage protection level at 1 kV/μs	U_p	< 10 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	

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		8590681570012
Art. number		57 001



The link in the QR code leads to the online presentation of the HT-CCTV-6 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



Internal diagram

