



KO - 1G

- Designed for protection of equipment connected to an aerial system by means of coaxial cables.
- The products consist of gas discharge tube with high discharge ability, thanks to which ensure a reliable protection of the receiving and transmitting systems even against a lightning stroke nearby.
- Wide range of products, various connector types and transmission power grades.
- Recommended for use in the Lightning Protection Zones at the boundaries of LPZ 0 – LPZ 1 and higher.

Type		KO - 1G
Testing category according to IEC 61643-21:2000 and EN 61643-21:2001		C1, C2, C3, D1
Connector type		BNC
Maximum continuous operating voltage DC	U_C	90 V
Rated load current	I_L	2.5 A
C2 Nominal discharge current (8/20)	I_n	5 kA
C3 Voltage protection level at 1 kV/μs	U_p	< 600 V
D1 Impulse discharge current (10/350)	I_{imp}	2 kA
Maximum discharge current (8/20)	I_{max}	10 kA
Frequency bandwidth	B	0 ÷ 1 GHz
Max. transmission power capacity		50 W
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Characteristic impedance		50 Ω
Degree of protection		IP20
Operating temperature	θ	-30 ÷ 70 °C
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	70 g
Mass (including the packaging)	m	81 g
Packaging dimensions (H x W x D)		26 x 98 x 73 mm
Packaging value	V	0.19 dm ³
Customs tariff no.		85363010
EAN code		8590681550014
Art. number		55 001



The link in the QR code leads to the online presentation of the **KO - 1G**. 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

