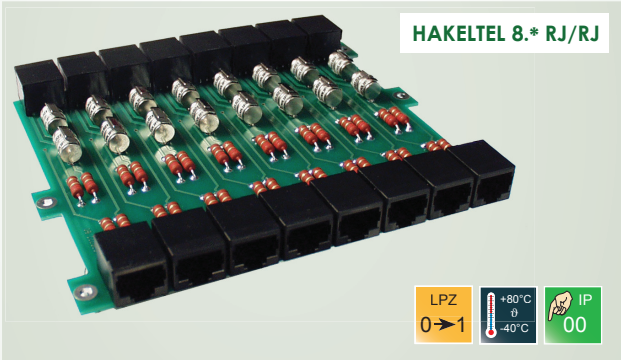
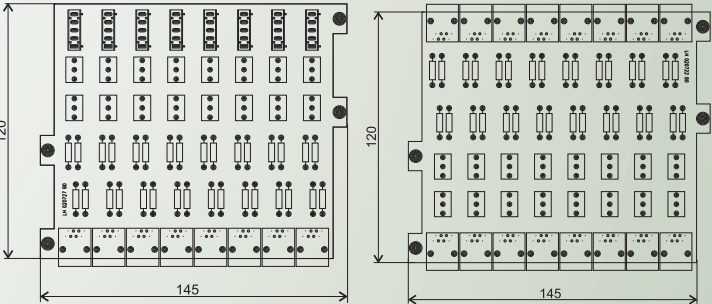
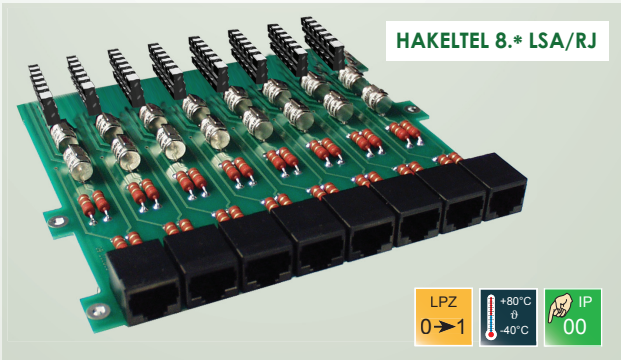


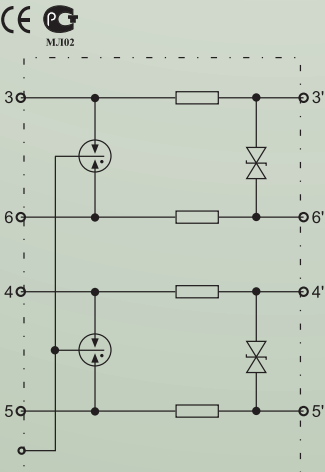


Hakeltel is a complex range of protection devices specially designed for the protection of analog telecommunication appliances against surges. These devices are recommended for use in the Lightning Protection Zones Concept at the boundaries of protection zones LPZ 0_{A(B)} - 1 according to EN 62305.

HAKELTEL is produced in two basic versions intended in preference for mounting to metal panel PSK 24 which is appropriate for installation into 19" rackmounts. These types provide effective protection against surge for 8 telephone lines. The number of protected pairs of each telephone line is optional (1 or 2 pairs).



Technical data		HAKELTEL 8.1 RJ/RJ	HAKELTEL 8.2 RJ/RJ	HAKELTEL 8.1 LSA/RJ	HAKELTEL 8.2 LSA/RJ
No. of telephone lines		8	8	8	8
No. of protected pairs per line		1	2	1	2
Nominal voltage	U_N	170 V DC	170 V DC	170 V DC	170 V DC
Max. continous operating voltage	U_C	204 V	204 V	204 V	204 V
Nominal current	I_N	150 mA	150 mA	150 mA	150 mA
Nominal discharge current (8/20)	I_n	2,5 kA	2,5 kA	5 kA	5 kA
Voltage protection level at I_n					
line/line	U_p	< 250 V	< 250 V	< 275 V	< 275 V
line/PE	U_p	< 600 V	< 600 V	< 600 V	< 600 V
Voltage protection level at 1 kV/ μ s					
line/line	U_p	< 230 V	< 230 V	< 230 V	< 230 V
line/PE	U_p	< 600 V	< 600 V	< 600 V	< 600 V
Response time	t_A				
line/line		< 25 ns	< 25 ns	< 25 ns	< 25 ns
line/PE		< 100 ns	< 100 ns	< 100 ns	< 100 ns
Data rate		10 MBit/s	10 MBit/s	10 MBit/s	10 MBit/s
Series impedance per line		10 Ω	10 Ω	10 Ω	10 Ω
Parasitic capacitance					
line/line	C	300 pF	300 pF	300 pF	300 pF
line/PE	C	15 pF	15 pF	15 pF	15 pF
Operating temperature range	θ	-40°C ÷ + 80°C	-40°C ÷ + 80°C	-40°C ÷ + 80°C	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Input/Output		RJ45/RJ45	RJ45/RJ45	LSA-PLUS/RJ45	LSA-PLUS/RJ45
Pinning		4/5	3/6, 4/5	4/5	3/6, 4/5
Article number		45 024	45 026	45 025	45 027



- Connection of RJ45 pins
acc.to EIA/TIA 568, type B
- 1 whiteorange 1 - blue pair
 - 2 orange 2 - orange pair
 - 3 whitegreen 3 - green pair
 - 4 blue 4 - brown pair
 - 5 whiteblue
 - 6 green
 - 7 whitebrown
 - 8 brown
-

PSK 24 is a metal panel suitable for fitting in 19" rackmounts. It is possible to mount up to 3 pieces of HAKELTEL 8.4 into this panel.



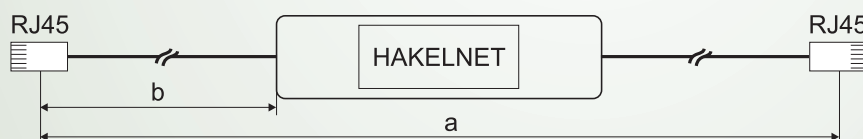
Hakelnet 4/250M 6 cat is designed to protect 5E/6 data and communications lines. All protected lines are equipped with Transient Voltage Suppressor Diode which eliminates common mode and differential mode surge effects during computer networks operation.

Hakelnet 4/250M 6cat consists of a plastic box and patch cords which are terminated with RJ45 connectors. Required length of patch cords (a, b) is to be specified by customer.



Connection of RJ45 pins
acc.to EIA/TIA 568, type B

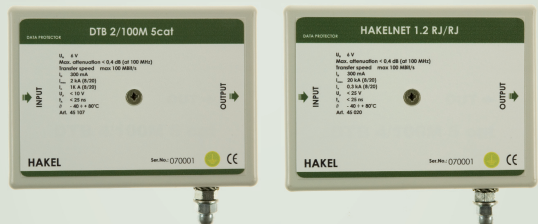
- 1 whiteorange 1 - blue pair
- 2 orange 2 - orange pair
- 3 whitegreen 3 - green pair
- 4 blue 4 - brown pair
- 5 whiteblue
- 6 green
- 7 whitebrown
- 8 brown



Technical data		HAKELNET 4/250M 6cat	HAKELNET 4/250M 6cat/48V
Number of protected pairs		4	4
Nominal voltage	U_N	6 V	48 V
Max. continous operating voltage	U_C	7,2	56 V
Nominal current	I_L	200 mA	200 mA
Mode of protection		line-line, line-G(PE)	line-line, line-G(PE)
Frequency handling		250 MHz	250 MHz
C2 Nominal discharge current (8/20) line/line	I_n	20 A	150 A
C2 Nominal discharge current (8/20) line/G(PE)	I_n	20 A	2 kA
C2 Voltage protection level at I_n line/line	U_p	-	< 190 V
C2 Voltage protection level at I_n line/G(PE)	U_p	-	< 600 V
C3 Voltage protection level at I_n line/line at 1 kV/ μ s	U_p	< 15 V	< 145 V
C3 Voltage protection level at I_n line/G(PE) at 1 kV/ μ s	U_p	< 15 V	< 500 V
Insertion loss for 250 MHz		< 3 dB	< 2 dB
Parasitic capacitance line/line	c	max. 5 pF	max. 160 pF
Parasitic capacitance line-G(PE)	c	max. 5 pF	max. 260 pF
Operating temperature range	θ	- 20 ÷ + 60 °C	- 20 ÷ + 60 °C
Mounting on		DIN rail 35 mm	DIN rail 35 mm
Input/Output, pinning		RJ45/RJ45, 1/2, 3/6, 4/5, 7/8	RJ45/RJ45, 1/2, 3/6, 4/5, 7/8
Length of patch cords		acc. to customer's specification, a+b < 3 m	acc. to customer's specification, a+b < 3 m
Grounding method		through DIN rail 35 mm by special metal clip on the back side of box	
Housing material		POLYAMID PA6	POLYAMID PA6
Colour		grey	grey
Category tested acc. to		IEC 61643-21	IEC 61643-21
Approvals and certifications		Cat. 6, ISO/IEC 11801	Cat. 6, ISO/IEC 11801
Article number		45 034	45 037

COMPUTER NETWORK PROTECTION FOR 5TH CATEGORY

DTB 2/100M 5cat, DTB 4/100M 5cat, HAKELNET 1.2 RJ/RJ

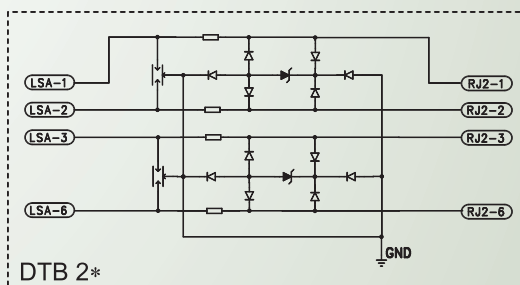
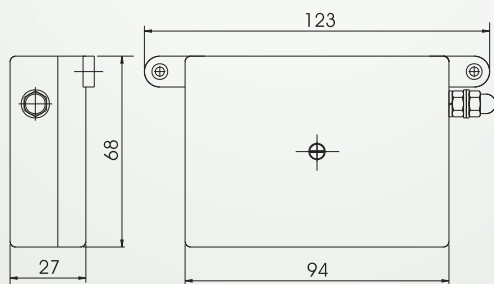


These surge protection devices intended for computer networks are specially designed for securing a faultless data transfer within computer networks category 5. They protect input electronic circuits of network cards against damage caused by surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)} -1 and higher according to EN 62305. It is recommended to use these protection devices at the input of protected equipment.

Models:

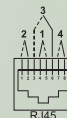
DTB*/100M 5cat is suitable for mounting on a wall. DTB 2/100M 5cat protects two pairs and DTB 4/100M 5cat protects four pairs of conductors.

Hakelnet 1.2RJ/RJ protects one line with two protected pairs. It is supplied in a plastic housing enabling bolt fastening on a wall. Alternatively, it can be attached to the protected appliance with a double-sided tape. Connectors RJ45 are at the input and output side of the device.



Connection of RJ45 pins acc.to EIA/TIA 568, type B

- 1 - whiteorange
- 2 - orange
- 3 - whitegreen
- 4 - blue
- 5 - whiteblue
- 6 - green
- 7 - whitebrown
- 8 - brown



Technical data		DTB 2/100M 5cat	DTB 4/100M 5cat	HAKELNET 1.2 RJ/RJ
Number of protected pairs		2	4	2
Input/Output		RJ45/RJ45	RJ45/RJ45	RJ45/RJ45
Nominal voltage	U_N	6 V	6 V	6 V
Max. continuous operating voltage	U_C	7,2 V	7,2 V	7,2 V
Nominal current	I_N	300 mA	300 mA	300 mA
C2 Max. discharge current (8/20)	I_{max}	2 kA	2 kA	-
C2 Nominal discharge current (8/20)	I_n	1 kA	1 kA	20 A
Voltage protection level at I_n (8/20)	U_p	10 V	10 V	25 V
Voltage protection level at 1kV/ μ s	U_p	< 10 V	< 10 V	< 10 V
Data rate		max. 100 Mbit/s	max. 100 Mbit/s	max. 100 Mbit/s
Max. attenuation		< 0,4 dB (at 100 MHz)	< 0,4 dB (at 100 MHz)	< 0,4 dB (at 100 MHz)
Near-end crosstalk		> 40 dB (at 100 MHz)	> 40 dB (at 100 MHz)	> 40 dB (at 100 MHz)
Return loss		< 14 dB (at 100 MHz)	< 14 dB (at 100 MHz)	< 14 dB (at 100 MHz)
Series impedance per line		1,5 Ω	1,5 Ω	1,5 Ω
Characteristic impedance		100 Ω	100 Ω	100 Ω
Response time	t_A	< 25 ns	< 25 ns	< 25 ns
Parasitic capacitance	C	<42 pF	<42 pF	<47 pF
Operating temperature range	θ	-40°C ÷ + 80°C	-40°C ÷ + 80°C	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		45 107	45 109	45 020



M102

COMPUTER NETWORK PROTECTION FOR 5TH CATEGORY

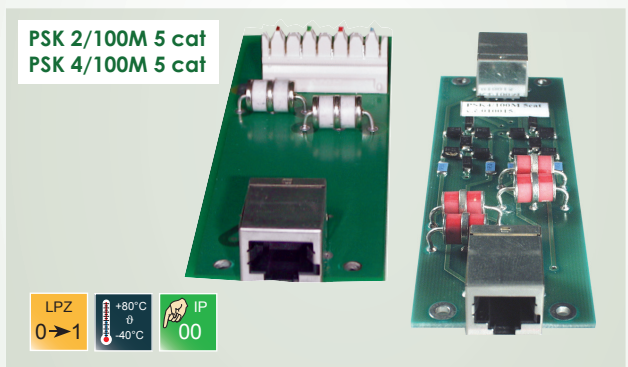
These surge protection devices intended for computer networks are specially designed for securing a faultless data transfer within computer networks category 5. They protect input electronic circuits of network cards against damage caused by surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)} - 1 and higher according to EN 62305. It is recommended to use these protection devices at the input of protected equipment.

Models:

PSK*/100M 5cat is a printed circuit board intended for mounting into PSK 10 which is appropriate for installation into 19" rackmounts.

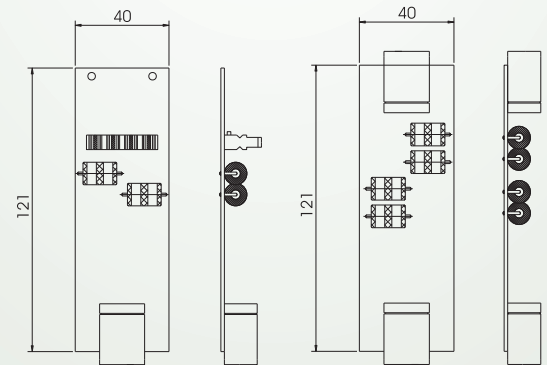
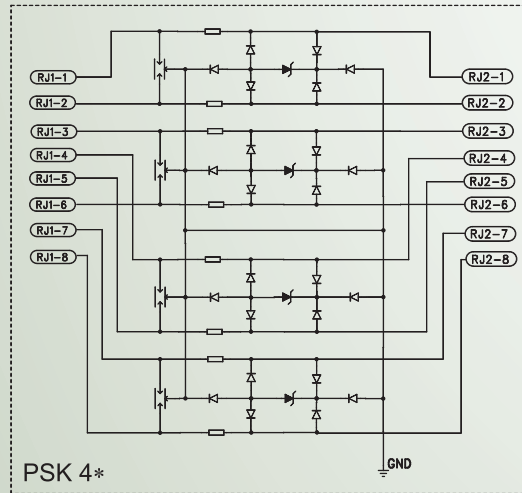
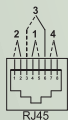
PSK 2/100M 5cat designed for protection of two pairs has LSA-PLUS connector at the input side and RJ45 connector at the output side.

PSK 4/100M 5cat designed for protection of four pairs has RJ45 connector at the input and output sides.



Connection of RJ45 pins
acc. to EIA/TIA 568, type B

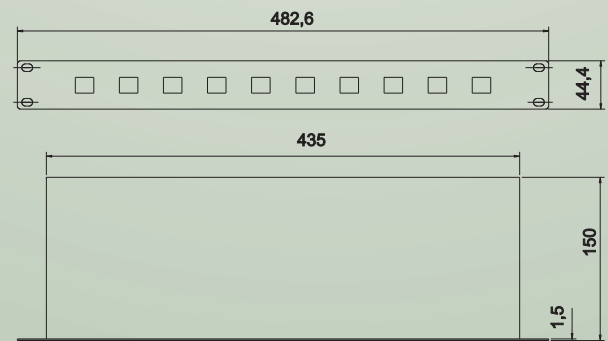
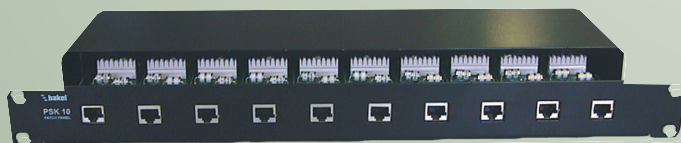
- 1 white/orange 1 - blue pair
- 2 orange 2 - orange pair
- 3 white/green 3 - green pair
- 4 blue 4 - brown pair
- 5 white/blue
- 6 green
- 7 white/brown
- 8 brown

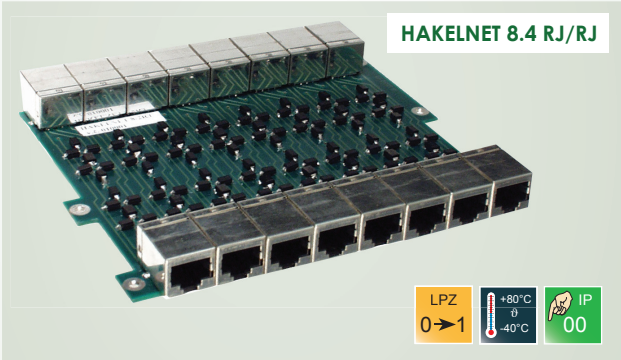


Technical data		PSK 2/100M 5cat	PSK 4/100M 5cat
Number of protected pairs		2	4
Input/Output		LSA-PLUS/RJ45	RJ45/RJ45
Nominal voltage	U_N	6 V	6 V
Max. continuous operating voltage	U_C	7,2 V	7,2 V
Nominal current	I_N	300 mA	300 mA
C2 Max. discharge current (8/20)	I_{max}	10 kA	2 kA
C2 Nominal discharge current (8/20)	I_n	1 kA	1 kA
Voltage protection level at I_n (8/20)	U_p	10 V	10 V
Voltage protection level at 1kV/ μ s	U_p	< 10 V	< 10 V
Response time	t_A	< 25 ns	< 25 ns
Parasitic capacitance	C	< 42 pF	< 42 pF
Operating temperature range	θ	-40°C ÷ + 80°C	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		45 011	45 012



PSK 10 is a metal panel suitable for fitting in 19" rackmounts. It is possible to mount up to 10 pieces of PSK*/100M 5cat into this panel.



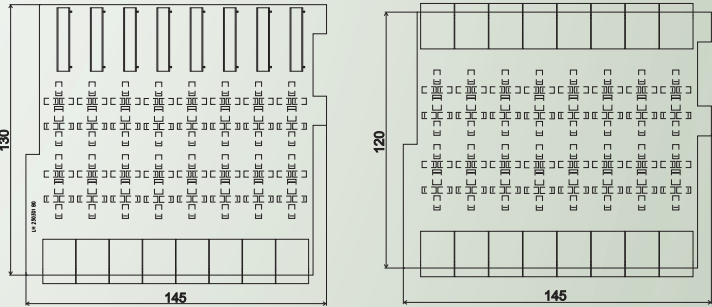
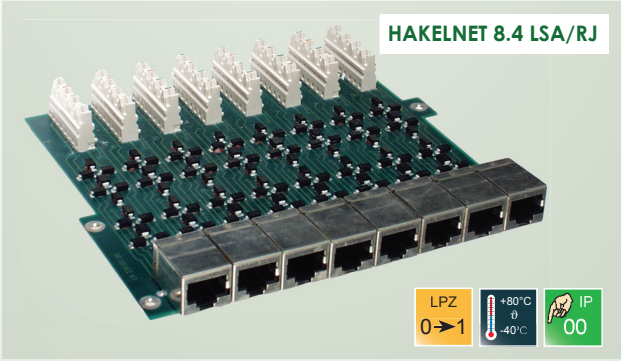


Hakelnet is a complex range of protection devices specially designed for faultless data transfers within computer networks category 5. They protect the input electronic circuits of network cards against a damage caused by surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)} -1 and higher according to EN 62305. It is recommended to use these protection devices at the input of protected equipment.

Models:

HAKELNET 8.4 RJ/RJ designed for protection of eight lines with four protected pairs has RJ45 connectors at the input and output sides of the device.

HAKELNET 8.4 LSA/RJ designed for protection of eight lines with four protected pairs has LSA-PLUS connectors at the input side and RJ45 connectors at the output side of the device.



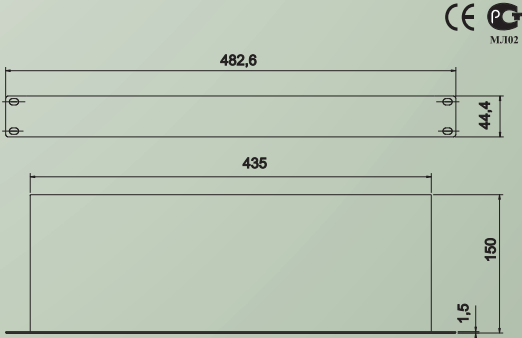
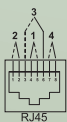
Technical data		HAKELNET 8,4 RJ/RJ	HAKELNET 8,4 LSA/RJ
Number of protected pairs		8	8
No. of protected pairs per line		4	4
Input/Output		RJ45/RJ45	LSA-PLUS/RJ45
Nominal voltage	U _N	6 V	6 V
Max. continous operating voltage	U _C	7,2 V	7,2 V
Nominal current	I _N	300 mA	300 mA
C2 Nominal discharge current (8/20)	I _n	20 A	20 A
Voltage protection level at I _n (8/20)	U _p	25 V	25 V
Voltage protection level at 1kV/μs	U _p	< 10 V	< 10 V
Data rate		max. 100 Mbit/s	max. 100 Mbit/s
Max. attenuation		< 0,4 dB (at 100 MHz)	< 0,4 dB (at 100 MHz)
Near-end crosstalk		> 40 dB (at 100 MHz)	> 40 dB (at 100 MHz)
Return loss		< 14 dB (at 100 MHz)	< 14 dB (at 100 MHz)
Series impedance per line		1,5 Ω	1,5 Ω
Characteristic impedance		100 Ω	100 Ω
Response time	t _A	< 25 ns	< 25 ns
Parasiitic capacitance	C	< 47 pF	< 47 pF
Operating temperature range	θ	-40°C ÷ + 80°C	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		45 021	45 022

PSK 24 is a metal panel suitable for fitting in 19" rackmounts. It is possible to mount up to 3 pieces of HAKELNET 8.4 into this panel.



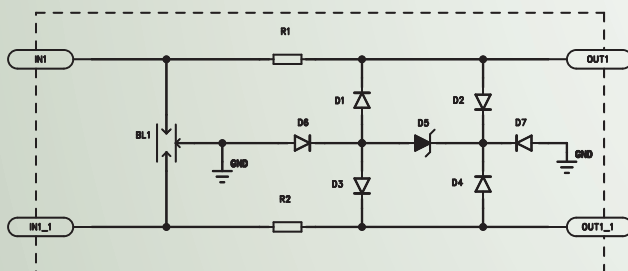
Connection of RJ45 pins
acc.to EIA/TIA 568, type B

- 1 whiteorange
- 2 orange
- 3 whitegreen
- 4 blue
- 5 whiteblue
- 6 green
- 7 whitebrown
- 8 brown

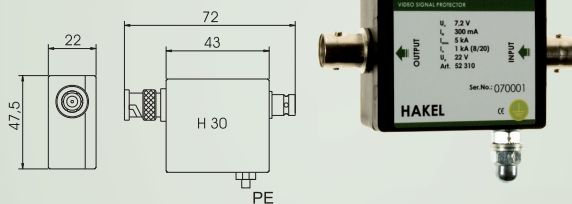


H30 and H30-L are designed for coaxial lines protection of 50Ω or 75Ω against induced surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)} - 1 according to EN 62305.

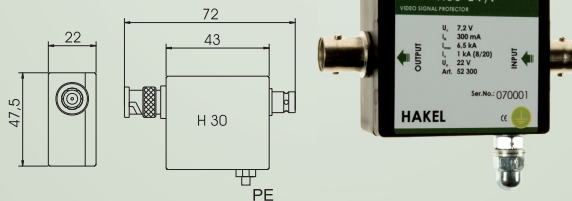
These devices are mainly used for protection of cameras and video signal concentrators. They are applicable to security and fire systems. H30-L version is equipped with more efficient nonlinear elements to reach higher discharge current up to 6,5kA (8/20).



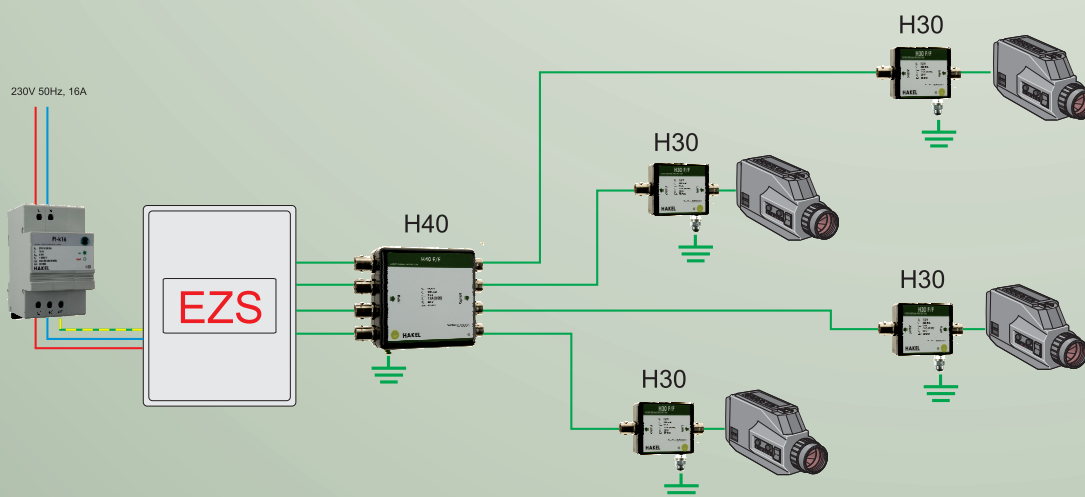
H30

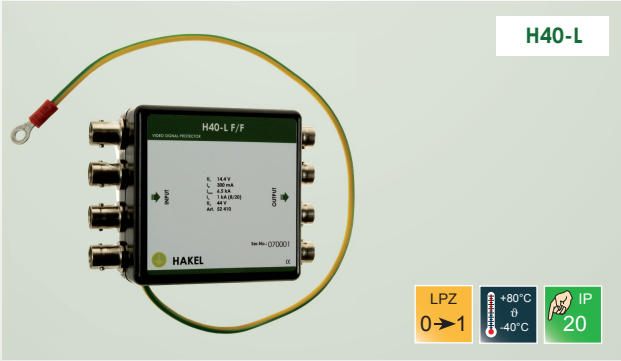
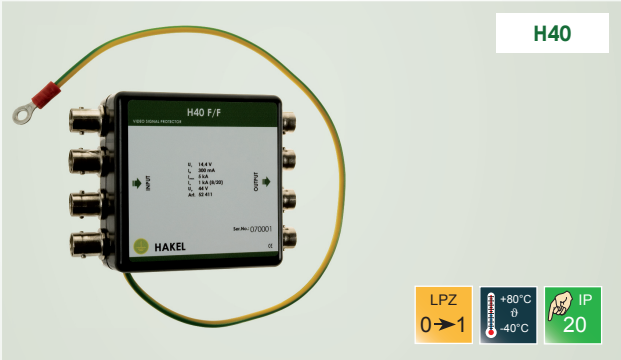


H30-L



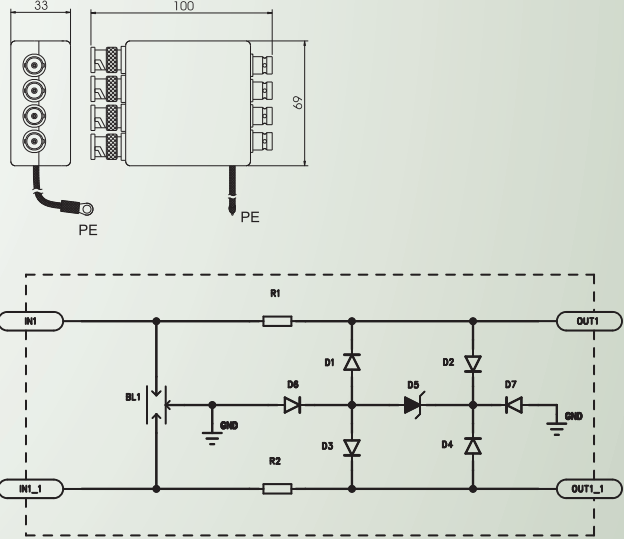
Technical data		H30/6	H30/12	H30-L/6	H30-L/12
Number of protected pairs		1	1	1	1
Connector type		BNC (F/F, F/M)	BNC (F/F, F/M)	BNC (F/F, F/M)	BNC (F/F, F/M)
Nominal voltage	U_N	6 V	12 V	6 V	12 V
Max. continuous operating voltage	U_C	7,2 V	14,4 V	7,2 V	14,4 V
Nominal current	I_N	300 mA	300 mA	300 mA	300 mA
C2 Max. discharge current (8/20)	I_{max}	5 kA	5 kA	6,5 kA	6,5 kA
C2 Nominal discharge current (8/20)	I_n	1 kA	1 kA	1 kA	1 kA
Voltage protection level at I_n (8/20)	U_p	22 V	44 V	22 V	44 V
Voltage protection level at 1kV/μs	U_p	10 V	20 V	10 V	20 V
Response time	t_A	< 30 ns	< 30 ns	< 30 ns	< 30 ns
Parasitic capacitance	C	< 27 pF	< 27 pF	< 27 pF	< 27 pF
Series impedance per line		10 Ω	10 Ω	10 Ω	10 Ω
Operating temperature range	θ	-40°C ÷ +80°C	-40°C ÷ +80°C	-40°C ÷ +80°C	-40°C ÷ +80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		52 310	52 312	52 300	52 313





H40 and H40-L are designed for coaxial lines protection of 50Ω or 75Ω against induced surge effects in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)} - 1 according to EN 62305.

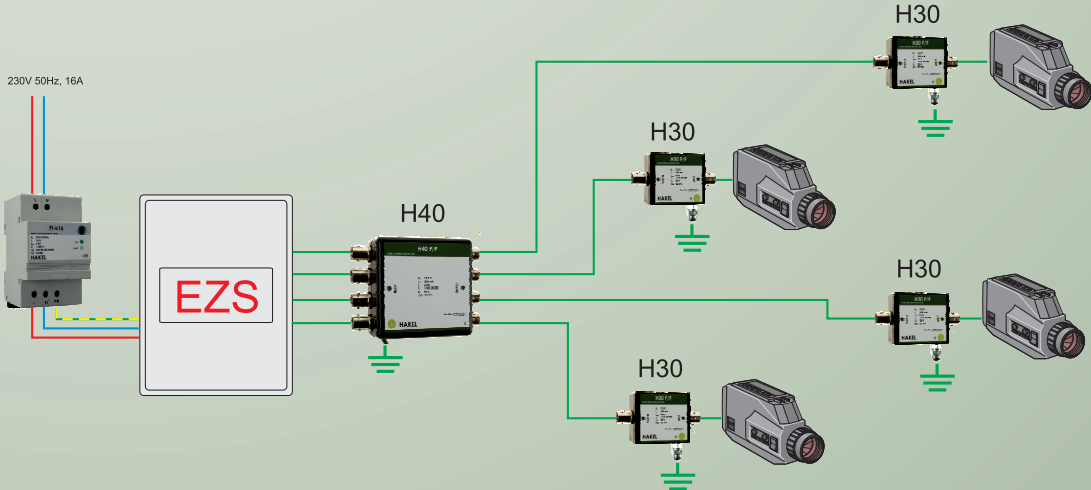
These devices are especially used for protection of cameras and video signal concentrators. They are applicable to security and fire systems. H40-L version is equipped with more efficient nonlinear elements to reach higher discharge current up to 6,5kA (8/20).

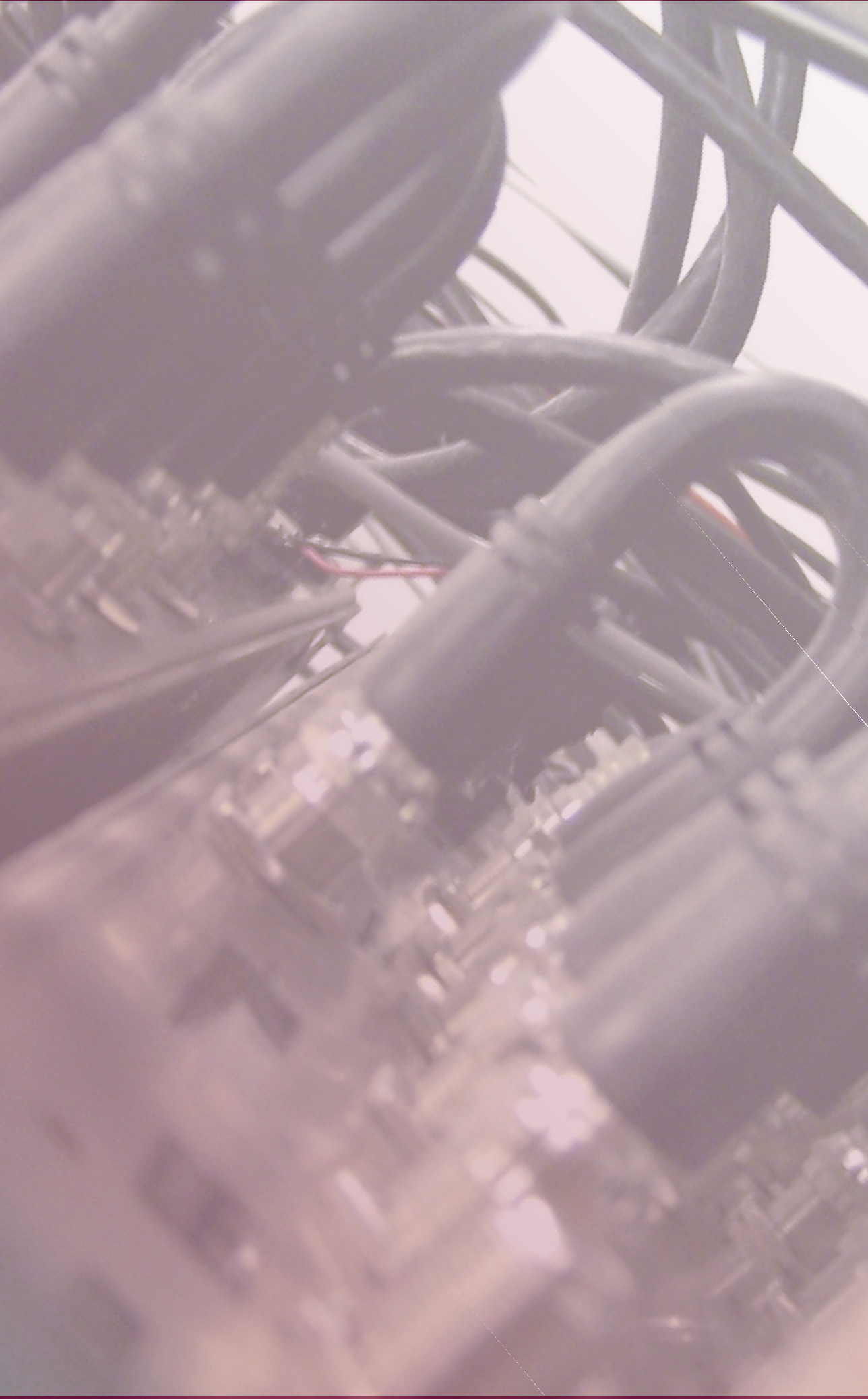


Technical data		H40/6	H40/12	H40-L/6	H40-L/12
Number of protected pairs		4	4	4	4
Connector type		BNC (F/F, F/M)	BNC (F/F, F/M)	BNC (F/F, F/M)	BNC (F/F, F/M)
Nominal voltage	U _N	6 V	12 V	6 V	12 V
Max. continous operating voltage	U _C	7,2 V	14,4 V	7,2 V	14,4 V
Nominal current	I _N	300 mA	300 mA	300 mA	300 mA
C2 Max. discharge current (8/20)	I _{max}	5 kA	5 kA	6,5 kA	6,5 kA
C2 Nominal discharge current (8/20)	I _n	1 kA	1 kA	1 kA	1 kA
Voltage protection level at I _n (8/20)	U _p	22 V	44 V	22 V	44 V
Voltage protection level at 1kV/μs	U _p	10 V	20 V	10 V	20 V
Response time	t _A	< 30 ns	< 30 ns	< 30 ns	< 30 ns
Parasitic capacitance	C	< 47 pF	< 47 pF	< 47 pF	< 47 pF
Series impedance per line		10 Ω	10 Ω	10 Ω	10 Ω
Operating temperature range	θ	-40°C ÷ + 80°C	-40°C ÷ + 80°C	-40°C ÷ + 80°C	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		52 410	52 412	52 400	52 413



M.102



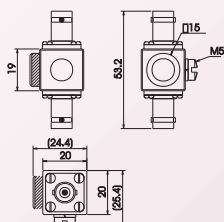


COAXIAL HIGH-FREQUENCY PROTECTION

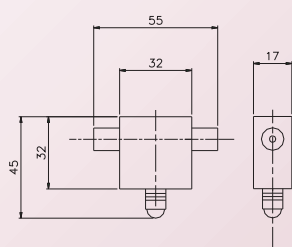
COAXIAL PROTECTION



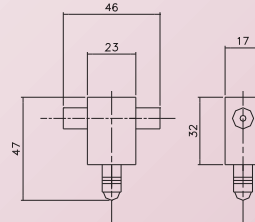
KO*G



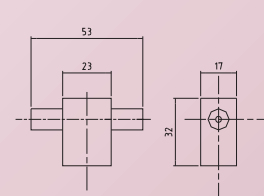
KO*P



KO-9P



KO-10P

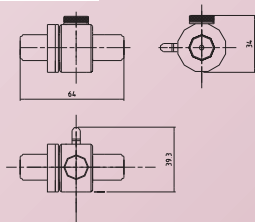


KO* is an innovated coaxial high-frequency protection range designed for protection of equipment connected to an aerial system by means of coaxial cables. Special gas discharge tubes with maximum discharge current $I_{\max}(8/20) = 10\text{ kA}$ (or 20 kA in case of KO-5GN) ensure a reliable protection of the receiving and transmitting systems even against a lightning stroke nearby. Hakel company offers a wide range of coaxial protectors for various connector types and transmission power grades enabling usage in many applications. These coaxial protectors are recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 0_{A(B)}-1 and higher according to EN 62305.

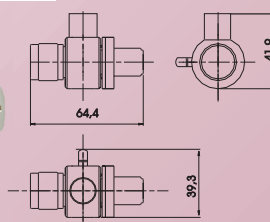
Technical data		KO-1G	KO-2G	KO-1P	KO-2P	KO-9P	KO-10P
Connector type		BNC	BNC	BNC	BNC	F	TV
Max. continuous operating voltage	U_c	72 V	200 V	72 V	200 V	72 V	72 V
Nominal current	I_N	2,5 A	2,5 A	2,5 A	2,5 A	0,5 A	0,5 A
D1 Max. lightning impulse current (10/350)	I_{imp}	2 kA	2 kA	2 kA	2 kA	2 kA	2 kA
C2 Max. discharge current (8/20)	$I_{\max}$	10 kA	10 kA	10 kA	10 kA	10 kA	10 kA
C2 Nominal discharge current (8/20)	I_n	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Voltage protection level at 1kV/ μ s	U_p	500 V	600 V	500 V	600 V	500 V	500 V
Frequency range		0-1 GHz	0-1 GHz	0-1 GHz	0-1 GHz	0-2 GHz	0-1 GHz
Max. transmission power capacity		50 W	400 W	50 W	400 W	50 W	50 W
Insertion loss		< 0,2 dB	< 0,2 dB	< 0,2 dB	< 0,2 dB	< 0,5 dB	< 1,2 dB
Return loss		> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB
Characteristic impedance		50 Ω	50 Ω	50 Ω	50 Ω	75 Ω	75 Ω
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		55 001	55 002	55 007	55 015	55 016	55 017



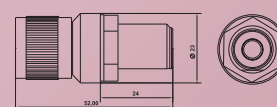
KO*GN



KO-5GN



KO-6GN



Technical data		KO-3GN (F/F)	KO-3GN (F/M)	KO-4GN (F/F)	KO-4GN (F/M)	KO-5GN (F/F)	KO-5GN (F/M)	KO-6GN (F/M)
Connector type		N	N	N	N	N	N	N
Max. continuous operating voltage	U_c	72 V	72 V	200 V	200 V	-	-	135 V
Nominal current	I_N	5 A	5 A	5 A	5 A	-	-	5 A
D1 Max. lightning impulse current (10/350)	I_{imp}	2 kA	2 kA	2 kA	2 kA	5 kA	5 kA	1 kA
C2 Max. discharge current (8/20)	$I_{\max}$	10 kA	10 kA	10 kA	10 kA	20 kA	20 kA	10 kA
C2 Nominal discharge current (8/20)	I_n	5 kA	5 kA	5 kA	5 kA	10 kA	10 kA	5 kA
Voltage protection level at 1kV/ μ s	U_p	500 V	500 V	600 V	600 V	<2 V	<2 V	< 500 V
Frequency range		0-3 GHz	0-3 GHz	0-3 GHz	0-3 GHz	5-5,4 GHz	5-5,4 GHz	0-5,8 GHz
Max. transmission power capacity		50 W	50 W	400 W	400 W	200 W	200 W	50 W
Insertion loss		< 1,5 dB	< 1,5 dB	< 1,5 dB	< 1,5 dB	< 0,2 dB	< 0,2 dB	< 0,2 dB
Return loss		> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB	> 20 dB
Characteristic impedance		50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Article number		55 018	55 019	55 020	55 021	55 024	55 025	55 026

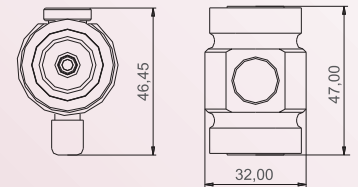
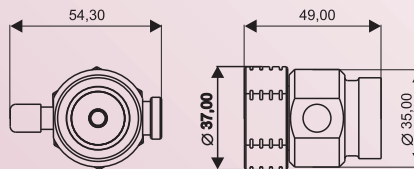
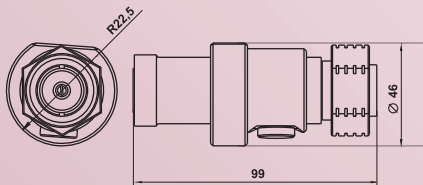
KO-7/16-R



KO-7/16 FM



KO-7/16 FF



KO-7/16 is an innovated coaxial high-frequency protection range designed for protection of equipment connected to an aerial system by means of coaxial cables. Special gas discharge tubes with maximum discharge current $I_{\max}$ (8/20) = 10kA (or 20 kA in case of KO-7/16-R) ensure a reliable protection of the receiving and transmitting systems even against a lightning stroke nearby. This range is produced with 7/16" connector type for various transmission power grades enabling usage in many applications. They are recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ $O_{A(B)}$ -1 and higher according to EN 62305.

Technical data		KO-7/16-R (F/M)	KO-7/16 (F/M)	KO-7/16 (F/F)
Connector type		7/16"	7/16"	7/16"
Max. continuous operating voltage	U_C	600 V	350 V	350 V
Nominal current	I_N	12 A	5 A	5 A
D1 Max. lightning impulse current (10/350)	I_{imp}	3 kA	2 kA	2 kA
C2 Max. discharge current (8/20)	$I_{\max}$	20 kA	10 kA	10 kA
C2 Nominal discharge current (8/20)	I_n	10 kA	5 kA	5 kA
Voltage protection level at 1kV/ μ s	U_P	950 V	850 V	850 V
Frequency range		0-2,6 GHz	0-2,6 GHz	0-2,6 GHz
Max. transmission power capacity		900 W	400 W	400 W
Insertion loss		< 0,2 dB	< 0,5 dB	< 0,5 dB
Return loss		> 20 dB	> 15 dB	> 15 dB
Characteristic impedance		50 Ω	50 Ω	50 Ω
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1	A2, B2, C2, C3, D1	A2, B2, C2, C3, D1
Weight		510 g	175 g	165 g
Article number		55 034	55 033	55 032

