

HT-D 4/24

Hakel Transmition – is designed to protect transmission of information signals and Hakel Transmition-NV for protection of supply lines. The casing of this protector is made out of light alloy, which ensures high mechanical and thermal resistance. It is recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 0-3 according to EN 62305 ed.2

PARAMETERS

Typ		HT-D 4/24
Number of protected pairs		4
Connector type		Eight-pole, screw type, slip-on terminal block
Nominal voltage	U_N	24 V
Maximum continuous operating voltage	U_C	28,6 V
Rated load current	I_L	100 mA
C2 Max. discharge current (8/20)	I_{max}	10 kA
C2 Nominal discharge current I_n (8/20)	I_n	1 kA
C2 Voltage protection level at I_n	U_p	64 V
C3 Voltage protection level at 1 kV/ μ S	U_p	34 V
Response time	t_A	< 30 ns
Data rate		1 MBit/s
Series impedance per line	R	2,2 Ω
Parasitic capacitance	C	1,5 nF
LPZ		0-3
Degree of protection of enclosure		IP20
Operating temperature	ϑ	-40 °C ... +70 °C
Recommended section of the connected conductors	S	0,25 - 1,5 mm ²
Category tested acc. to IEC 61643:21-2000		C1, C2, C3, D1
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Product image



Dimension drawing

