

HT-NET 5Ecat/RJ Xseries

HT-NET 5Ecat/RJ Xseries: 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 1-2 according to EN 62305. It is recommended to use these protection devices at the input of protected equipment.

PARAMETERS

Typ		HT-NET 5Ecat/RJ Xseries
Number of protected pairs		4
Connector type		RJ45/RJ45
Nominal voltage	U_N	48 V
Maximum continuous operating voltage	U_C	57,6 V
Rated load current	I_L	300 mA
C2 Max. discharge current (8/20)	I_{max}	2 kA
C2 Nominal discharge current I_n (8/20)	I_n	1 kA
C3 Voltage protection level at 1 kV/ μ S	U_p	< 80 V
Data rate		max. 250 Mbit/s
Series impedance per line	R	2,2 Ω
Response time	t_A	< 25 ns
Parasitic capacitance	C	< 42 pF
LPZ		1-2
Degree of protection of enclosure		IP20
Operating temperature	ϑ	-40 °C ... +80 °C
Category tested acc. to IEC 61643:21-2000		C1, C2, C3, D1
Article number		
HT-NET 5Ecat/RJ Xseries		57 017

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Product image

