



## 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.

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/ $\mu$ S	$U_p$	< 80 V
Data rate		max. 250 Mbit/s
Series impedance per line	R	2,2 $\Omega$
Response time	$t_A$	< 25 ns
Parasitic capacitance	C	< 42 pF
LPZ		1-2
Degree of protection of enclosure		IP20
Operating temperature	$\vartheta$	-40 °C ... +80 °C
Category tested acc. to IEC 61643:21-2000		C1, C2, C3, D1
Article number		
HT-NET 5Ecat/RJ Xseries		<b>57 017</b>