



PZH HT-NET 5Ecat/D

These surge protection devices intended for computer networks are specially designed for protection and faultless data transmission within the 5th category computer networks. They protect the input circuit network cards against damage caused by overvoltage effects within the LPZ concept at the boundaries of LPZ 1-2 according to EN 62305 ed.2. It is recommended to use these protective devices at the input of the protected equipment.

PZH HT-NET 5Ecat/D are available in a version with screw terminals or screwless terminal block.

TYPE		PZH HT-NET 5ECAT/D
Number of protected pairs		4
Connector type input/output		Screw / screwless terminal (DEGSON)
Nominal voltage	U_N	48 V
Max. 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 (8/20)	I_n	1 A
C3 Voltage protection level at 1kV/μs	U_P	< 80 V
Data rate		max. 250 Mbit/s
Series impedance per line		2,2 Ω
Response time	t_A	< 25 ns
Parasitic capacitance	C	< 42 pF
LPZ		1-2
Protection type		IP20
Operating temperature range	9	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1
Article number		77 57 018