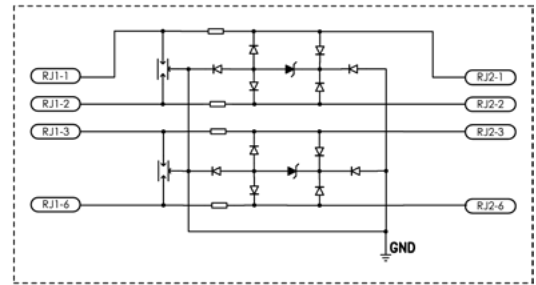
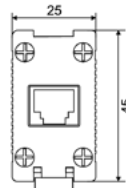
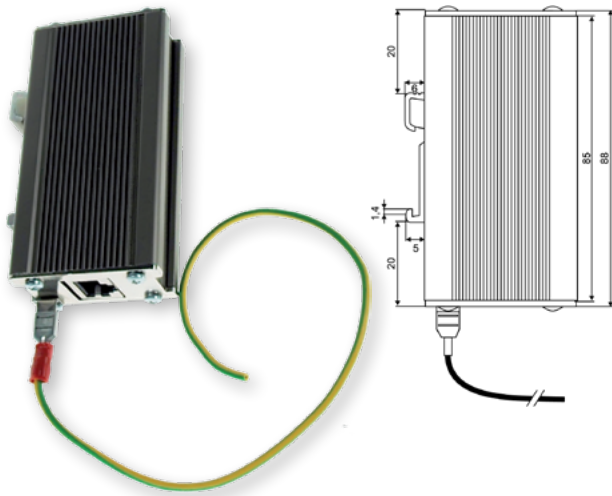


IT Systems

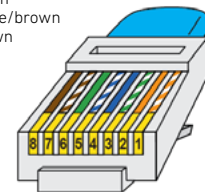
LPZ 1-2 / IP20 / CE



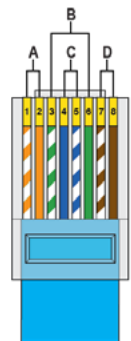
Connection of RJ45 pins acc. to EIA/TIA 568, type B

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

- A: orange pair
- B: green pair
- C: blue pair
- D: brown pair



RJ45



PZH HT-NET 2/100 5cat

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.

TYPE		PZH HT-NET 2/100 5CAT
Number of protected pairs		2
Connector type input/output		RJ45/RJ45
Nominal voltage	U_N	6 V
Max. continuous operating voltage	U_C	7,2 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 kA
C3 Voltage protection level at 1kV/ μ s	U_P	< 10 V
Data rate		max. 100 Mbit/s
Max. attenuation		< 0,4 dB (at 100 MHz)
Near-end crosstalk		> 40 dB (at 100 MHz)
Return loss		< 14 dB (at 100 MHz)
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	θ	-40°C ÷ + 80°C
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1
Article number		77 57 015