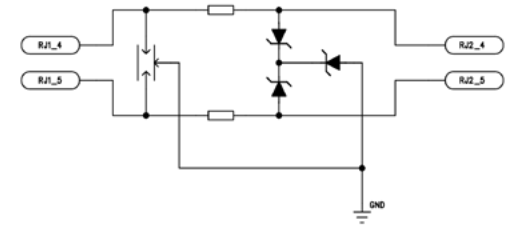
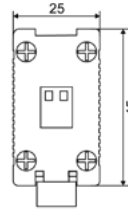
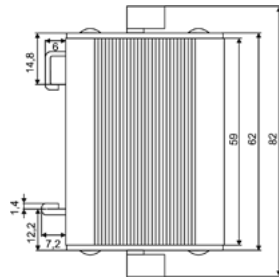


IT Systems

LPZ 1-2 / IP20 / CE

**PZH HT-DATA 1/*, PZH HT-NV 1/*/0,5**

Hermi Transmition - Data is designed to protect transmission of information signals and Hermi Transmition-NV to protect links of power supply lines. The casing of this protector is made out of light alloy, which ensures high mechanical and thermal resistance. $I_{\max} = 10 \text{ kA}$. It is recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 1-2 according to EN 62305.

TYPE		PZH HT-DATA 1/6	PZH HT-DATA 1/12	PZH HT-DATA 1/24	PZH HT-DATA 1/48	PZH HT-DATA 1/T
Number of protected pairs		1				
Connector type		Two-pole, screw type, slip-on terminal block DEGSON 2EDGK- 5.08				
Nominal voltage	U_N	6 V	12 V	24 V	48 V	170 V
Max. continuous operating voltage	U_C	7,2 V	14,4 V	28,6 V	57,6 V	204 V
Rated load current	I_L	100 mA				
C2 Max. discharge current (8/20)	$I_{\max}$	10 kA				
C2 Nominal discharge current (8/20)	I_n	1 kA				
C2 Voltage protection level at I_n (8/20)	U_p	15 V	28 V	64 V	160 V	500 V
C3 Voltage protection level at 1kV/μs	U_p	9 V	18 V	34 V	66 V	290 V
Response time	t_A	< 30 ns				
Data rate		1 MBit/s				
Series impedance per line		2,2 Ω				
Parasitic capacitance	C	1,5 nF				
LPZ		1-2				
Protection type		IP20				
Operating temperature range	g	-40°C ÷ + 80°C				
Recommended cable cross-section		0,25 - 1,5 mm ²				
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1				
Article number		77 57 005	77 57 006	77 57 007	77 57 008	77 57 009

TYPE		PZH HT-NV 1/6/0,5	PZH HT-NV 1/12/0,5	PZH HT-NV 1/24/0,5	PZH HT-NV 1/48/0,5
Number of protected pairs		1			
Connector type		Two-pole, screw type, slip-on terminal block DEGSON 2EDGK- 5.08			
Nominal voltage	U_N	6 V	12 V	24 V	48 V
Max. continuous operating voltage	U_C	7,2 V	14,4 V	28,6 V	57,6 V
Rated load current	I_L	0,5 A			
D1 Lightning impulse current (10/350)	I_{imp}	5 kA			
D1 Lightning impulse current (10/350) line/PE	I_{imp}	2,5 kA			
C2 Max. discharge current (8/20)	$I_{\max}$	10 kA			
C2 Nominal discharge current (8/20)	I_n	1 kA			
C2 Voltage protection level at I_n (8/20)	U_p	15 V	28 V	64 V	85 V
C3 Voltage protection level at 1kV/μs	U_p	9 V	18 V	34 V	66 V
Response time	t_A	< 30 ns			
Data rate		1 MBit/s			
Insert inductance		4,7 μH			
LPZ		1-2			
Protection type		IP20			
Operating temperature range	g	-40°C ÷ + 80°C			
Parasitic capacitance	C	1,5 nF			
Recommended cable cross-section		0,25 - 1,5 mm ²			
Category tested acc. to IEC 61643:21-2000		A2, B2, C2, C3, D1			
Article number		77 57 010	77 57 011	77 57 012	77 57 013