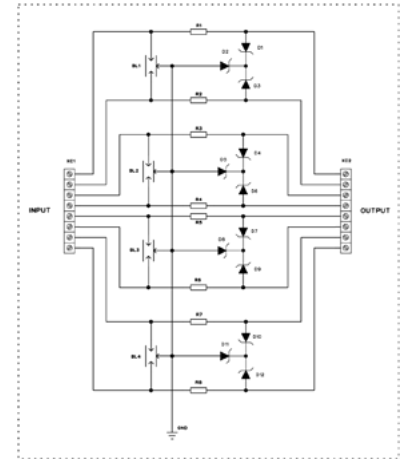
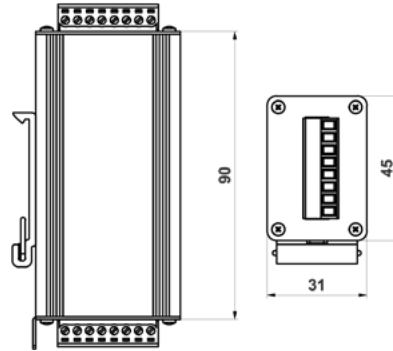


IT Systems

LPZ 0-3 / IP20 / CE



PZH HT-D 4/*, PZH HT-NV 4/*/0,5

Hermi Transmition is designed to protect transmission of information signals and Hermi Transmition-NV for protection of supply lines. The casing of this protector is made out of light alloy, which ensures high mechanical and thermal resistance. It is recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 0-3 according to EN 62305 ed.2

TYPE		PZH HT-D 4/6	PZH HT-D 4/12	PZH HT-D 4/24	PZH HT-D 4/48
Number of protected pairs		4			
Connector type		Eight-pole, screw / screwless type, slip-on terminal block			
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	10 0 mA			
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
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			
Series impedance per line		2,2 Ω			
Parasitic capacitance	C	1,5 nF			
LPZ		0-3			
Protection type		IP20			
Operating temperature range	g	-40°C ÷ + 70°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 35 003	77 35 004	77 35 005	77 35 006

TYPE		PZH HT-NV 4/6/0,5	PZH HT-NV 4/12/0,5	PZH HT-NV 4/24/0,5	PZH HT-NV 4/48/0,5
Number of protected pairs		4			
Connector type		Eight-pole, screw / screwless type, slip-on terminal block			
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			
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		0-3			
Protection type		IP20			
Operating temperature range	g	-40°C ÷ + 70°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 35 007	77 35 008	77 35 009	77 35 010