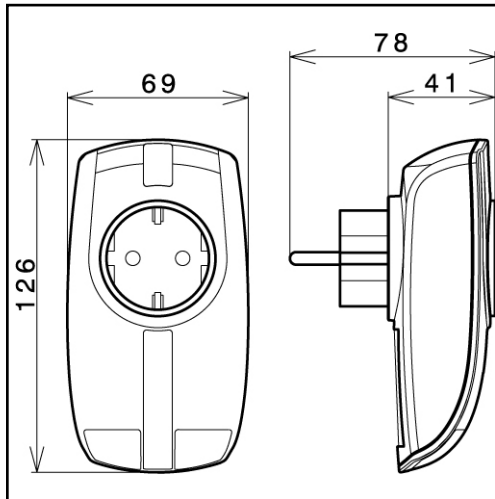
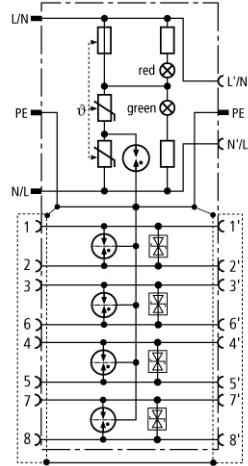




Dimension drawing DPRO LAN100



Data side: Low-capacitance protective circuit of all pairs for Ethernet pin assignment



Protection of Ethernet applications (1000 BASE-T) with an elegant design

Shielded Cat 5e patch cable (1.5 m) included

For installation in conformity with the lightning protection zones concept at the boundaries from 2 – 3 and higher

Combined surge protection for the power side and data input for the protection of LAN components.
Meets the requirements for Channel Class D in accordance with EN 50173 and is thus suitable for 1000 Base-T (Gigabit Ethernet).

DPRO 230 LAN100

SPD class	TYPE 2 P1
Max. continuous operating d.c. voltage [U_C]	58 V
C2 Nominal discharge current (8/20 μs) line-line [I_n]	30 A
C2 Nominal discharge current (8/20 μs) line-PE [I_n]	2.5 kA
C2 Total nominal discharge current (8/20 μs) [I_n]	10 kA
Voltage protection level line-line for I_n C2 [U_p]	≤ 100 V
Voltage protection level line-PE for I_n C2 [U_p]	≤ 500 V
Voltage protection level line-line at 1 kV/μs C3 [U_p]	90 V
Voltage protection level line-PE at 1 kV/μs C3 [U_p]	≤ 500 V
Operating temperature range	-20°C...+40°C
Degree of protection	IP 20
Connection input / output	RJ45 shielded socket / RJ45 shielded socket
Pinning	1/2, 3/6, 4/5, 7/8
Earthing via	protective conductor connection
Enclosure material	thermoplastic, UL 94 V-2
Colour	pure white
Test standards	IEC 61643-21
Protection for the power side	DPRO 230 LAN100
SPD according to EN 61643-11	Type 3
SPD according to IEC 61643-1	Class III
Nominal a.c. voltage [U_N]	230 V
Max. continuous operating a.c. voltage [U_C]	255 V
Nominal load current [I_L]	16 A
Nominal discharge current (8/20 μs) L-N [I_n]	3 kA
Nominal discharge current (8/20 μs) L/N-PE [I_n]	5 kA [(L+N)-PE]
Combined impulse (1.2/50 μs - 8/20 μs) L-N [U_{oc}]	6 kV
Combined impulse (1.2/50 μs - 8/20 μs) L/N-PE [U_{oc}]	10 kV [(L+N)-PE]
Voltage protection level L-N [U_p]	≤ 1.25 kV
Voltage protection level L/N-PE [U_p]	≤ 1.5 kV
Response time L-N [t_A]	≤ 25 ns
Response time L/N-PE [t_A]	≤ 100 ns
Max. mains-side overcurrent protection	16 A gL/gG or B 16 A
Short-circuit withstand capability for max. mains-side overcurrent protection	6 kA _{rms} a.c.

Temporary overvoltage (TOV) L-N [U _T]	335 V/5 sec
Temporary overvoltage (TOV) L/N-PE (1) [U _T]	400 V/5 sec
Temporary overvoltage (TOV) L/N-PE (2) [U _T]	1200 V+U ₀ /200 m
Fault indication	red light
Operating state indication	green light
For mounting on	plug-in system with earth contact DIN 49440/DIN 49441
Test standards	IEC 61643-11
Ordering information	
Type	DPRO 230 LAN100
Part No.	909 321
Packing unit	1 pc

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.