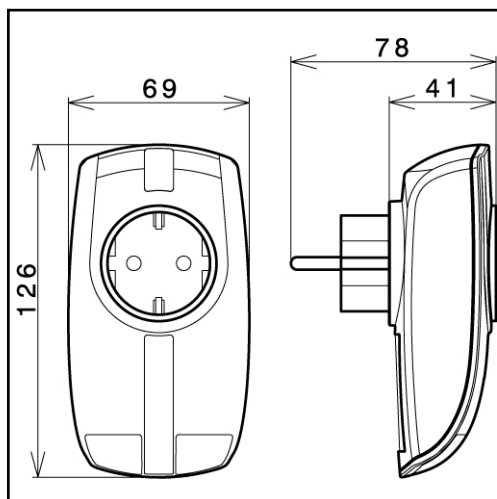
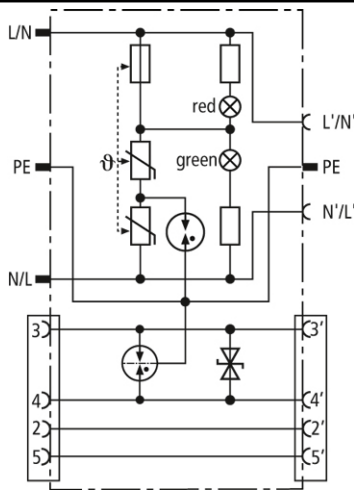




Dimension drawing DPRO NT



Protection for the data side: Also suitable for digital interfaces due to low-capacitance circuit design



Protection for a telecommunication terminal device with a modern design

Combined surge protection for power and data sides of a digital network termination (NT). Also suitable for telephones and fax machines. With visual operating state and fault indication.

Includes accessories for RJ 11/12 and TAE connections

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

DPRO 230 NT	
SPD class	TYPE 2 [2]
Max. continuous operating d.c. voltage $[U_{cl}]$	180 V
C2 Nominal discharge current (8/20 μ s) per line C2 $[I_{n1}]$	2.5 kA
Voltage protection level line-line for I_n C2 $[U_{pl}]$	≤ 300 V
Voltage protection level line-PE for I_n C2 $[U_{pl}]$	≤ 500 V
Voltage protection level line-line at 1 kV/ μ s C3 $[U_{pl}]$	≤ 300 V
Voltage protection level line-PE at 1 kV/ μ s C3 $[U_{pl}]$	≤ 500 V
Cut-off frequency line-line $[f_{cl}]$	50 MHz
Operating temperature range	-25°C...+40°C
Degree of protection	IP 20
Connection input / output	RJ12 socket / RJ12 socket
Pinning	3/4
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 NT
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 $[U_{cl}]$	255 V
Nominal load current $[I_{cl}]$	16 A
Nominal discharge current (8/20 μ s) L-N $[I_{n1}]$	3 kA
Nominal discharge current (8/20 μ s) L/N-PE $[I_{n1}]$	5 kA [(L+N)-PE]
Combined impulse (1.2/50 μ s - 8/20 μ s) L-N $[U_{oc1}]$	6 kV
Combined impulse (1.2/50 μ s - 8/20 μ s) L/N-PE $[U_{oc1}]$	10 kV [(L+N)-PE]
Voltage protection level L-N $[U_{pl}]$	≤ 1.25 kV
Voltage protection level L/N-PE $[U_{pl}]$	≤ 1.5 kV
Response time L-N $[t_{A1}]$	≤ 25 ns
Response time L/N-PE $[t_{A1}]$	≤ 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 NT
Part No.	909 310
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.