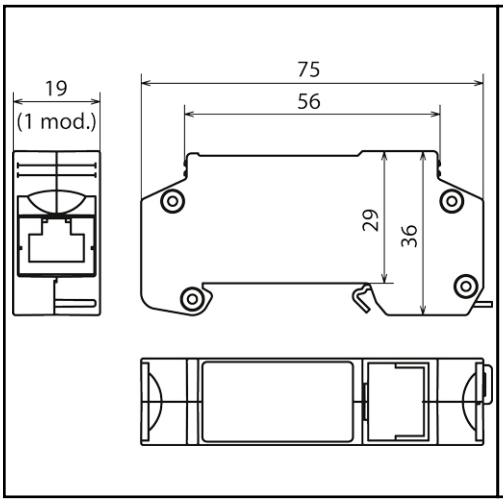
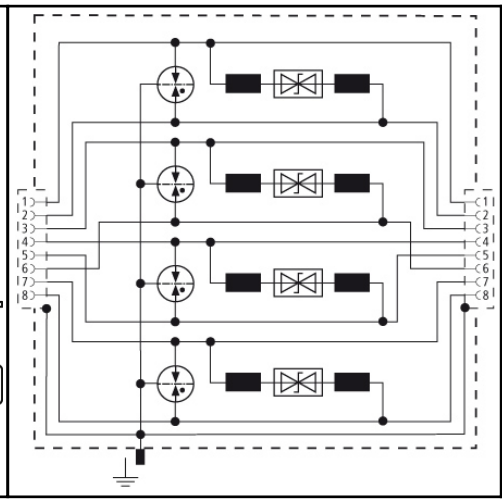
DEHNpatch
DPA M CLE RJ45B 48

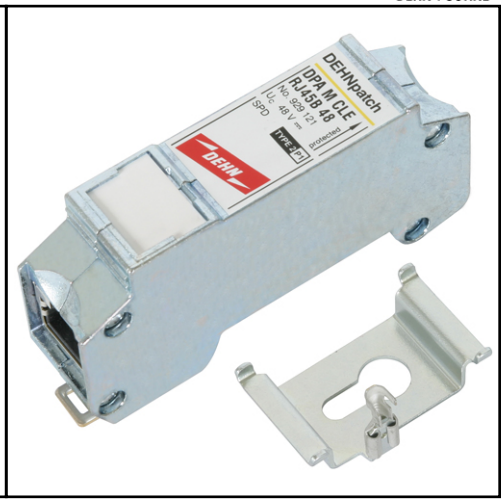
DEHN + SÖHNE



Dimension drawing DPA CLE



Protection of all pairs due to heavy-duty gas discharge tubes and an adapted filter matrix per pair.



Universal SPD ideally suited for Industrial Ethernet, Power over Ethernet (PoE acc. to IEEE 802.3af up to 57 V) and similar applications in structured cabling systems according to class E up to 250 MHz. Fully shielded adapter with sockets for DIN rail mounting.

Ideally suited for retrofitting, protection of all lines

Cat. 6 in the channel (class E)

For installation in conformity with the lightning protection zones concept at the boundaries from 0_B – 2 and higher

	DPA M CLE RJ45B 48
SPD class	TYPE 2 P1
Nominal voltage [U_N]	48 V
Max. continuous operating d.c. voltage [U_c]	57 V
Max. continuous operating a.c. voltage [U_c]	34 V
Max. continuous d.c. voltage pair-pair (PoE) [U_c]	57 V
Nominal current [I_L]	1 A
C2 Nominal discharge current (8/20 µs) line-line [I_n]	150 A
C2 Total nominal discharge current (8/20 µs) line-PG [I_n]	10 kA
C2 nominal discharge current (8/20 µs) pair-pair (PoE) [I_n]	150 A
Voltage protection level line-line at 1 kV/µs C3 [U_p]	≤ 180 V
Voltage protection level line-PG at 1 kV/µs C3 [U_p]	≤ 500 V
Voltage protection level pair-pair at 1 kV/µs C3 (PoE) [U_p]	≤ 600 V
Capacitance line-line [C]	≤ 30 pF
Capacitance line-PG [C]	≤ 25 pF
Operating temperature range	-40°C ...+80°C
Degree of protection	IP 10
For mounting on	35 mm DIN rail acc. to EN 60715
Connection input/output	RJ45 socket / RJ45 socket
Pinning	1/2, 3/6, 4/5, 7/8
Earthing via	35 mm DIN rail acc. to EN 60715
Enclosure material	zinc die casting
Colour	bare
Test standards	IEC 61643-21
Approvals, Certifications	UL, GOST
Accessories	fixing material

Ordering information	
Type	DPA M CLE RJ45B 48
Part No.	**929 121**
Packing unit	1 pc