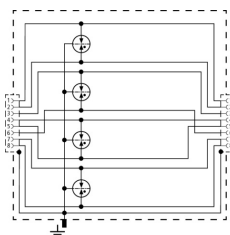


DPA M CLD RJ45B 48 (929 126)

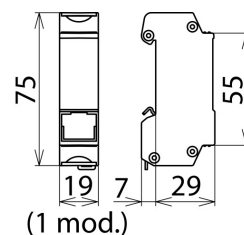
- Ideally suited for retrofitting, protection of all lines
- For use in structured cabling systems according to class D up to 100 MHz
- Power over Ethernet IEEE 802.3 compliant (up to PoE++ / 4PPoE)
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_B -2$ and higher



Figure without obligation



Basic circuit diagram DPA M CLD RJ45B 48



Dimension drawing DPA M CLD RJ45B 48

Universal arrester for Industrial Ethernet, Power over Ethernet (IEEE 802.3 compliant up to PoE++ / 4PPoE) and similar applications in structured cabling systems according to class D up to 100 MHz. Protection of all pairs by powerful gas discharge tubes. DIN rail mounted adapter type with sockets.

Type Part No.	DPA M CLD RJ45B 48 929 126
SPD class	TYPE 2 P2
Nominal voltage (U_N)	48 V
Max. continuous operating voltage (d.c.) (U_c)	48 V
Max. continuous operating voltage (a.c.) (U_c)	34 V
Max. continuous operating voltage (d.c.) pair-pair (PoE) (U_c)	57 V
Nominal current (I_L)	1 A
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	0.5 kA
C2 Nominal discharge current (8/20 μ s) line-line (I_n)	1.25 kA
C2 Nominal discharge current (8/20 μ s) line-PG (I_n)	2.5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) pair-pair (PoE) (I_n)	2.5 kA
Voltage protection level line-line for I_n C2 (U_p)	≤ 700 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 700 V
Voltage protection level line-line for I_n C2 (PoE) (U_p)	≤ 900 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 600 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 500 V
Voltage protection level pair-pair at 1 kV/ μ s C3 (PoE) (U_p)	≤ 700 V
Cut-off frequency (f_c)	100 MHz
Insertion loss at 100 MHz	≤ 3 dB
Capacitance line-line (C)	≤ 10 pF
Capacitance line-PG (C)	≤ 10 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 10
For mounting on	35 mm DINs rails acc. to EN 60715
Connection (input / output)	RJ45 socket / RJ45 socket
Pinning	1/2, 3/6, 4/5, 7/8
Earthing via	35 mm DINs rails acc. to EN 60715
Enclosure material	zinc die-cast
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21 / UL 497B
Approvals	UL, EAC
Weight	96 g
Customs tariff number (Comb. Nomenclature EU)	85366910
GTIN	4013364242258
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.