

DPA M CLE RJ45B 48 (929 121)

Ideally suited for retrofitting, protection of all lines

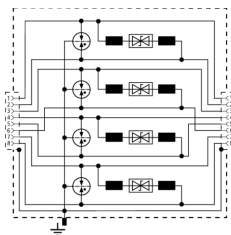
Cat. 6 in the channel (class E)

Power over Ethernet (PoE+ according to IEEE 802.3at)

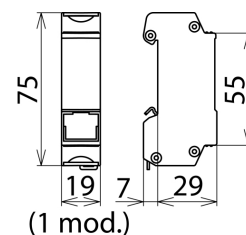
For installation in conformity with the lightning protection zones concept at the boundaries from $O_B -2$ and higher



Figure without obligation



Basic circuit diagram DPA CLE RJ45B 48



Dimension drawing DPA CLE RJ45B 48

Universal arrester ideally suited for Industrial Ethernet, Power over Ethernet (PoE+ acc. to IEEE 802.3at up to 57 V) and similar applications in structured cabling systems according to class E up to 250 MHz. Protection of all pairs by means of powerful gas discharge tubes and one adapter filter matrix per pair. Fully shielded adapter with sockets for DIN rail mounting.

Accessories: Earthing bracket with flat connector sleeve

Type	DPA M CLE RJ45B 48
Part No.	929 121
SPD class	TYPE 2 P1
Nominal voltage (U_N)	48 V
Max. continuous operating d.c. voltage (U_c)	48 V
Max. continuous operating a.c. voltage (U_e)	34 V
Max. continuous d.c. voltage pair-pair (PoE) (U_c)	57 V
Nominal current (I_n)	1 A
C2 Nominal discharge current (8/20 μ s) line-line (I_n)	150 A
C2 Nominal discharge current (8/20 μ s) line-PG (I_n)	2.5 kA
C2 Total nominal discharge current (8/20 μ s) line-PG (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) pair-pair (PoE) (I_n)	150 A
Voltage protection level line-line for I_n C2 (U_p)	≤ 190 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 600 V
Voltage protection level line-line for I_n C2 (PoE) (U_p)	≤ 600 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 180 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)	≤ 600 V
Insertion loss at 250 MHz	≤ 3 dB
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 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 DIN rail acc. to EN 60715
Enclosure material	zinc die casting
Colour	bare surface
Test standards	IEC 61643-21 / EN 61643-21
Approvals	CSA, UL, GOST
Accessories	fixing material
Weight	123 g
Customs tariff number	85366910
GTIN	4013364118935
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.