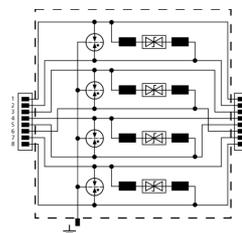


## DPA M CAT6 RJ45H 48 (929 110)

Ideally suited for retrofitting, protection of all lines  
 CAT 6A in the channel according to ANSI/TIA/EIA-568  
 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 M CAT6 RJ45H 48

Universal arrester for Industrial Ethernet, Power over Ethernet (PoE+ according to IEEE 802.3at up to 57 V) and similar applications in structured cabling systems according to Cat. 6 and class E<sub>A</sub> up to 500 MHz. Fully shielded type for DIN rail mounting.

Accessories: Earthing bracket with flat connector sleeve

Type	DPA M CAT6 RJ45H 48
Part No.	929 110
Nominal voltage (U <sub>N</sub> )	48 V
Max. continuous operating d.c. voltage (U <sub>C</sub> )	48 V
Max. continuous operating a.c. voltage (U <sub>C</sub> )	34 V
Max. continuous d.c. voltage pair-pair (PoE) (U <sub>C</sub> )	57 V
Nominal current (I <sub>N</sub> )	1 A
C2 Nominal discharge current (8/20 μs) line-line (I <sub>N</sub> )	150 A
C2 Nominal discharge current (8/20 μs) line-PG (I <sub>N</sub> )	2.5 kA
C2 Total nominal discharge current (8/20 μs) line-PG (I <sub>N</sub> )	10 kA
C2 nominal discharge current (8/20 μs) pair-pair (PoE) (I <sub>N</sub> )	150 A
Voltage protection level line-line for I <sub>N</sub> C2 (U <sub>P</sub> )	≤ 190 V
Voltage protection level line-PG for I <sub>N</sub> C2 (U <sub>P</sub> )	≤ 600 V
Voltage protection level line-line for I <sub>N</sub> C2 (PoE) (U <sub>P</sub> )	≤ 600 V
Voltage protection level line-line at 1 kV/μs C3 (U <sub>P</sub> )	≤ 145 V
Voltage protection level line-PG at 1 kV/μs C3 (U <sub>P</sub> )	≤ 500 V
Voltage protection level pair-pair at 1 kV/μs C3 (PoE) (U <sub>P</sub> )	≤ 600 V
Insertion loss at 250 MHz	≤ 3 dB
Capacitance line-line (C)	≤ 250 pF
Capacitance line-PG (C)	≤ 400 pF
Operating temperature range	-20°C ...+60°C
Degree of protection	IP 20
For mounting on	35 mm DINs rail acc. to EN 60715
Connection (input/output)	RJ45 connecting lead / RJ45 connecting lead
Pinning	1/2, 3/6, 4/5, 7/8
Connecting lead	A = approx. 1 m, G = approx. 5 m <sup>*)</sup>
Connector	Hirose TM 21P
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
Transmission class according to ISO/IEC 11801	Cat. 6
Transmission class according to EN 50173-1	Class E <sub>A</sub>
Transmission class according to ANSI/TIA/EIA-568	cat. 6A in the channel
Approvals	GHMT, GOST
Accessories	fixing material
Weight	320 g
Customs tariff number	85363010
GTIN	4013364105232
PU	1 pc(s)

\*) Special lengths on request

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.