



Dimension drawing DPA M CAT6 RJ45H 48

Protection of all pairs with powerful gas discharge tubes and an adapted filtering matrix per pair.

- Ideal for retrofitting with protection for all lines
- Cat. 6 in accordance with ISO/IEC 118001
- For use according to the lightning protection zones concept at boundaries  $O_B - 2$  and higher

Universal surge arrester for use as a patch cable for Ethernet and similar applications in universally structured cabling systems of Category 6 or class E. Fully shielded.

**DPA M CAT6 RJ45H 48**

<b>SPD Class</b>	TYPE 2 Pt
<b>Nominal voltage [U<sub>N</sub>]</b>	48 V
<b>Max. continuous dc voltage [U<sub>C</sub>]</b>	48 V
<b>Max. continuous ac voltage [U<sub>C</sub>]</b>	34 V
<b>Nominal load current [I<sub>L</sub>]</b>	1 A
<b>C2 Nominal discharge current (8/20 μs) line-line [I<sub>n</sub>]</b>	150 A
<b>C2 Total nominal discharge current (8/20 μs) line-PG [I<sub>n</sub>]</b>	10 kA
<b>C2 Nominal discharge current (8/20 μs) line-PG [I<sub>n</sub>]</b>	2.5 kA
<b>Voltage protection level line-line at I<sub>n</sub> C2 [U<sub>P</sub>]</b>	≤ 190 V
<b>Voltage protection level line-PG at I<sub>n</sub> C2 [U<sub>P</sub>]</b>	≤ 600 V
<b>Voltage protection level line-line at 1 kV/μs C3 [U<sub>P</sub>]</b>	≤ 145 V
<b>Voltage protection level line-PG at 1 kV/μs C3 [U<sub>P</sub>]</b>	≤ 500 V
<b>Insertion loss at 250 MHz</b>	≤ 3 dB
<b>Capacitance line-line [C]</b>	≤ 250 pF
<b>Capacitance line-PG [C]</b>	≤ 400 pF
<b>Operating temperature range</b>	-20°C ...+60°C
<b>Degree of protection</b>	IP 20
<b>Mounting on</b>	35 mm DIN rail acc. to EN 60715
<b>Connection input/output</b>	RJ45 connecting lead / RJ45 connecting lead
<b>Pinning</b>	1/2, 3/6, 4/5, 7/8
<b>Cord</b>	Cat.6, L <sub>1</sub> = approx. 1 m, L <sub>2</sub> = approx. 5 m
<b>Connector</b>	Hirose TM 21P
<b>Earthing by</b>	35 mm DIN rail acc. to EN 60715
<b>Enclosure material</b>	zinc die casting
<b>Colour</b>	bare
<b>Test standards</b>	IEC 61643-21
<b>Approvals, Certifications</b>	Cat. 6 acc. to ISO/IEC 11801
<b>Accessories</b>	fixing material

**Ordering information**

<b>Type</b>	DPA M CAT6 RJ45H 48
<b>Part No.</b>	929 110
<b>Packing unit</b>	1 pcs.

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.