## **INFORMATION TECHNOLOGY SYSTEMS**

## **RJ CONNECTION**





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

- M

IDK1

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  $0_{\rm B}$  – 2 and higher

	DPA M CLE RJ45B 48	
SPD class	TYPE 2 PI	
Nominal voltage [U <sub>N]</sub>	48 V	
Max. continuous operating d.c. voltage [U <sub>c]</sub>	57 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 [IL]	1 A	
C2 Nominal discharge current (8/20 µs) line-line [I <sub>n]</sub>	150 A	
C2 Total nominal discharge current (8/20 μs) line-PG [I <sub>n]</sub>	10 kA	
C2 nominal discharge current (8/20 $\mu s$ ) pair-pair (PoE) $[I_{n]}$	150 A	
Voltage protection level line-line at 1 kV/µs C3 [U <sub>P]</sub>	≤ 180 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/ $\mu$ s C3 (PoE) [U <sub>P]</sub>	≤ 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		
Туре	DPA M CLE RJ45B 48	
Part No. Packing unit	929 121	
racking unit	прс	

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.

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