

**Surge protection
VDATA CAT6**

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- Suitable for Cat. 5 (up to 100 MHz) and Cat. 6 (up to 250 MHz Class E)
- Suitable for PoE (acc. to IEEE 802.3af) and PoE+ (acc. to IEEE 802.3at)
- Protection of all wire pairs
- Connection via RJ45 sockets
- Metal housing

General ordering data

Order No.	1348590000
Type	VDATA CAT6
Version	Surge protection, Surge protection
GTIN (EAN)	4050118153002
Qty.	1 pc(s).

Surge protection V DATA CAT6

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Technical data

Dimensions and weights

Width	19 mm	Height	75 mm
Depth	46 mm	Net weight	124 g

Temperatures

Humidity	5...96 %	Operating temperature	-40 °C...+80 °C
Storage temperature	-40 °C...+85 °C		

General data

Colour	Light Grey	Design	Miscellaneous
Lightning arrester	Yes	Mounting rail	TS 35 x 15, TS 35 x 7.5
Protection degree	IP 20	Segment	Data surge protection
Suitable for	RJ45 plug		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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technical data

Rated current	1 A	Max. continuous voltage, U_c (AC)	60 V
Max. continuous voltage, U_c (DC)	60 V	Frequency range, max.	250 MHz
Discharge current I_n (8/20µs) wire-wire	5 kA	Discharge current I_{max} (8/20µs) wire-wire	10 kA
Discharge current I_n (8/20µs) wire-PE	5 kA	Discharge current I_n (8/20µs) GND-PE	5 kA
Discharge current I_{max} (8/20µs) GND-PE	10 kA	Discharge current I_{max} (8/20µs) wire-PE	10 kA
Discharge current, max. (10/350 µs)	1 kA	Protection level U_p (typ.)	≤ 550 V
Signalling contact	No	Standards	According to IEC61643-21
Colour	Light Grey	Humidity	5...96 %
Requirements category acc. to IEC 61643-21	C2, D1	Response time	< 1 ns
Lightning test current I_{imp} (10/350 µs)	1 kA	Volume resistance	< 0.1 Ω
Suitable for	RJ45 plug	Wire-wire capacitance @ 1 MHz, 1 Vrms	30 pF
Wire-PE capacitance @ 1 MHz, 1 Vrms	20 pF		

Classifications

ETIM 3.0	EC001473	UNSPSC	30-21-19-21
eClass 4.1	27-13-08-01	eClass 5.1	27-13-08-01
eClass 6.2	27-13-08-02	eClass 7.1	27-14-02-01

Approvals

Approvals



ROHS Conform

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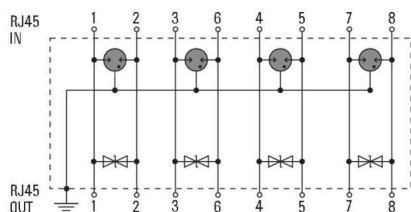
Technical data**Downloads**

Package insert	Instruction sheet
Declaration of Conformity	K508_09_12.pdf
EPLAN	1348590000.ema

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Drawings



Circuit diagram