

INDUSTRIAL COMPONENT DATA

UBK 2-500 2798530 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: UBK 2-500



Manufacturer	PHOENIX CONTACT
MPN / Reference	UBK 2-500
Catalog number	2798530
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-30620BABCA
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Product Overview

Surge protection device

Rail mounting module with sufficient surge protection for two signal conductors. Self-contact ground foot for mounting on NS 32 or NS 35/7.5, housing width: 17.5 mm. Execution: 500 V AC

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Trabtech (TT)

Additional Product Information

Key Commercial Data

Orderkey 2798530

Packing unit 10 pc

Catalog page Page 54 (TT-2002)

GTIN 4017918073800

Weight per Piece (excluding packing) 60.010 g

Custom tariff number 85363010

Country of origin GR (Greece)

Dimensions

Height 90 mm

Width 17.5 mm

Depth 46 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 1 Div.

Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude $\leq$ 2000 mm (amsl (above mean sea level))

Degree of protection IP20

General

Housing material PA 6.6

Flammability rating according to UL 94 V-2

Color jet black RAL 9005

Standards for clearances and creepage distances IEC 60664-1

Mounting type DIN rail: 35 mm

Type DIN rail module, one-piece

Direction of action Line-Earth Ground

Protective circuit

IEC test classification C2

D1

Nominal voltage UN 500 V AC

Maximum continuous voltage UC 500 V AC

Rated current 2 A

Operating effective current $I_{Cat UC} \leq 1 \mu A$ Residual current $I_{PE} \leq 1 \mu A$ Nominal discharge current $I_n(8/20) \mu s$ (line-line) 10 kANominal discharge current $I_n(8/20) \mu s$ (line-earth) 10 kAPulse discharge current $I_{imp}(10/350) \mu s$ 2.5 kAOutput voltage limitation at 1 kV/ μs (line-line) static ≤ 2.5 kV ≤ 2.7 kV (4 kV (1.2/50) μs)Output voltage limitation at 1 kV/ μs (line-earth) static ≤ 1.5 kV ≤ 1.7 kV (4 kV (1.2/50) μs)Voltage protection level U_p (line-line) 3.5 kV (C2 - 10 kV / 5 kA)Voltage protection level U_p (line-earth) 2.2 kV (C2 - 10 kV / 5 kA)2.3 kV (I_{imp} -2.5 kA)Response time t_A (line-l...**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / UBK 2-500 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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