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-0EE04C622D
Generated	2026-11-19

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 <= 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 cearances 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 ICat UC <= 1 µA
Residual current IPE <= 1 µA
Nominal discharge current In(8/20) µs (line-line) 10 kA
Nominal discharge current In(8/20) µs (line-earth) 10 kA
Pulse discharge current Iimp(10/350) µs 2.5 kA
Output 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 Up(line-line) 3.5 kV (C2 - 10 kV / 5 kA)
Voltage protection level Up(line-earth) 2.2 kV (C2 - 10 kV / 5 kA)
2.3 kV (Iimp -2.5 kA)
Response time tA(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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.