

INDUSTRIAL COMPONENT DATA

CN-UB-70DC-6-BB 2803166 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: CN-UB-70DC-6-BB



Manufacturer	PHOENIX CONTACT
MPN / Reference	CN-UB-70DC-6-BB
Catalog number	2803166
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-7F16377B54
Generated	2026-07-31

Product Overview

Surge protection device

Adapter with surge protection for coaxial signal interfaces. Connection: N connector, female-female

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 2803166

Packing unit 1 pc

Catalog page Page 176 (C-4-2017)

GTIN 4046356293211

Weight per Piece (excluding packing) 75.000 g

Custom tariff number 85363010

Country of origin US (United States)

Dimensions

Height 24 mm

Width 24 mm

Depth 47 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 90 °C

Degree of protection IP68

General

Housing material Brass (CuZn)

Color nickel

Standards for clearances and creepage distances DIN VDE 0110-1

IEC 60664-1

Mounting type Connection-specific intermediate plugging

Type Attachment plug

Direction of action Line-Shield/Earth Ground

Additional descriptions

Note To meet the discharge conditions for DC voltages, please note the following information: "The surge protective device should be used together with a transmitter unit, which shuts down in the event of a short-circuit."

Protective circuit

IEC test classification C2

C3

D1

VDE requirement class C2

C3

D1

Maximum continuous voltage UC 70 V DC

50 V AC

Maximum continuous voltage UC(line-earth) 70 V DC

50 V AC

Rated current 10 A

Operating effective current $I_{Cat UC} \leq 1 \mu A$

Nominal discharge current $I_n(8/20) \mu s$ 5 kA

Nominal discharge current $I_n(8/20) \mu s$ (line-earth) 5 kA

Nominal discharge current $I_n(8/20) \mu s$ (line-shield) 5 kA

Total discharge current $I_{total}(8/20) \mu s$ 5 kA

Max. discharge current $I_{max}(8/20) \mu s$ maximum (line-earth) 10 kA

Max. discharge current $I_{max}(8/20) \mu s$ maximum (line-shield) 10 kA

Nominal pulse current $I_{an} (10/1000) \mu s$ (Core-Shield) 100 A

Impul...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CN-UB-70DC-6-BB 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.