

**INDUSTRIAL COMPONENT DATA**

# UKK 5-DIO/U-O 2791032 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: UKK 5-DIO/U-O



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | UKK 5-DIO/U-O            |
| Catalog number  | 2791032                  |
| Category        | Component terminal block |
| Minimum order   | 50 Pcs                   |
| Document ID     | EO-B309CEB2B2            |
| Generated       | 2026-07-29               |

## Product Overview

Component terminal block

Terminal block for components, with integrated diode, nominal voltage: 500 V, nominal current: 0.5 A, number of connections: 4, connection type: Screw connection, 1st and 2nd floor, Dimensioning cross-section: 4 mm<sup>2</sup>, cross-section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting class: NS 35/7.5, NS 35/15, NS 32, colour: grey

**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 &gt; Modular TBs

## Additional Product Information

Key Commercial Data

Orderkey 2791032

Packing unit 50 pc

Catalog page Page 492 (C-1-2017)

GTIN 4017918072407

Weight per Piece (excluding packing) 15.000 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Note The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Number of levels 2

Number of connections 4  
Nominal cross section 4 mm<sup>2</sup>  
Color gray  
Insulating material PA  
Flammability rating according to UL 94 V0  
Rated surge voltage 6 kV  
Degree of pollution 3  
Overvoltage category III  
Insulating material group I  
Connection in acc. with standard IEC 60947-7-1  
Nominal current IN 32 A  
Maximum load current 32 A (with 4 mm<sup>2</sup> conductor cross section)  
Nominal voltage UN 500 V (Data is based on the dielectric strength of adjacent terminal blocks or of the DINg rail.)  
Open side panel Yes  
Relative insulation material temperature index (Elec., UL 746 B) 130 °C  
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C  
Static insulating material application in cold -60 °C  
Behavior in fire for rail vehicles (DIN 5510-2) Test passed  
Flame test method (DIN EN 60695-11-10) V0  
Oxygen index (DIN EN ISO 4589-2) >32 %  
NF F16-101, NF F10-102 Class I 2  
NF F16-101, NF F10-102 Class F 2  
Surface flammability NFPA 130 (ASTM E 162) passed  
Specific optical density of smoke NFPA 130 (ASTM E 662) passed  
Smoke gas toxicity NFPA 130 (SMP 800C) passed  
Calorimetric heat release NFPA 130 (ASTM E 1354) 28....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UKK 5-DIO/U-O with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.