

**INDUSTRIAL COMPONENT DATA**

# AKG 4 BU 0421016 PHOENIX CONTACT Connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: AKG 4 BU



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | AKG 4 BU        |
| Catalog number  | 0421016         |
| Category        | Busbar terminal |
| Minimum order   | 50 Pcs          |
| Document ID     | EO-D83ED107CE   |
| Generated       | 2026-08-03      |

## Product Overview

Connection terminal block

Connection terminal, nominal voltage: 300 V, rated current: 41 A, connection type: Screw connection, Dimensioning section: 4 mm<sup>2</sup>, section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, colour: blue

**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 > CABINET add-on |
|--------------|----------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 0421016

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 598 (C-3-2017)

GTIN 4017918001919

Weight per Piece (excluding packing) 5.420 g

Custom tariff number 85369010

Country of origin IN (India)

General

Color blue

Insulating material PA

Nominal cross section 4 mm<sup>2</sup>

Flammability rating according to UL 94 V2  
Maximum load current 41 A  
Maximum power dissipation for nominal condition 1.31 W  
Nominal current I<sub>N</sub> 41 A  
Maximum load current 41 A (with 6 mm<sup>2</sup> conductor cross section)  
Nominal voltage U<sub>N</sub> 300 V  
Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed  
Result of bending test Test passed  
Bending test rotation speed 10 rpm  
Bending test turns 135  
Bending test conductor cross section/weight 0.5 mm<sup>2</sup> / 0.3 kg  
4 mm<sup>2</sup> / 0.9 kg  
6 mm<sup>2</sup> / 1.4 kg  
Tensile test result Test passed  
Conductor cross section tensile test 0.5 mm<sup>2</sup>  
Tractive force setpoint 30 N  
Conductor cross section tensile test 4 mm<sup>2</sup>  
Tractive force setpoint 60 N  
Conductor cross section tensile test 6 mm<sup>2</sup>  
Tractive force setpoint 80 N  
Result of voltage-drop test Test passed  
Requirements, voltage drop ≤ 3.2 mV  
Result of temperature-rise test Test passed  
Short circuit stability result Test passed  
Conductor cross section short circuit testing 4 mm<sup>2</sup>  
Short-time current 0.48 kA  
Relative insulation material temperature index (Elec., UL 746 B) 125 °C  
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 125 °C  
Behavior in fire for rail...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 4 BU 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.