

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-F14FF7A64A
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Product Overview

Connection terminal block

Connection terminal, nominal voltage: 300 V, rated current: 41 A, connection type: Screw connection, Dimensioning section: 4 mm², section: 0.5 mm² - 6 mm², 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

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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 mm²

Flammability rating according to UL 94 V2
Maximum load current 41 A
Maximum power dissipation for nominal condition 1.31 W
Nominal current IN 41 A
Maximum load current 41 A (with 6 mm² conductor cross section)
Nominal voltage UN 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 mm² / 0.3 kg
4 mm² / 0.9 kg
6 mm² / 1.4 kg
Tensile test result Test passed
Conductor cross section tensile test 0.5 mm²
Tractive force setpoint 30 N
Conductor cross section tensile test 4 mm²
Tractive force setpoint 60 N
Conductor cross section tensile test 6 mm²
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 mm²
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 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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