

INDUSTRIAL COMPONENT DATA

AKG 16 BU 0423014 PHOENIX CONTACT Connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: AKG 16 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	AKG 16 BU
Catalog number	0423014
Category	Busbar terminal
Minimum order	50 Pcs
Document ID	EO-89265DEE2A
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Product Overview

Connection terminal block

Connection terminal, rated current: 76 A, connection type: Screw connection, Dimensioning section: 16 mm², section: 1.5 mm² - 16 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
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Additional Product Information

Key Commercial Data

Orderkey 0423014

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918001995

Weight per Piece (excluding packing) 10.430 g

Custom tariff number 85369010

Country of origin IN (India)

General

Color blue

Insulating material PA

Nominal cross section 16 mm²

Flammability rating according to UL 94 V2
Maximum load current 76 A (with 16 mm² conductor cross section)
Maximum power dissipation for nominal condition 2.43 W
Nominal current I_N 76 A
Maximum load current 76 A (with 16 mm² conductor cross section)
Nominal voltage U_N 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 1.5 mm² / 0.4 kg
16 mm² / 2.9 kg
Tensile test result Test passed
Conductor cross section tensile test 1.5 mm²
Tractive force setpoint 40 N
Conductor cross section tensile test 16 mm²
Tractive force setpoint 100 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 16 mm²
Short-time current 1.92 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
Dimensions
Length 23.4 mm
Width 9.8 mm
Connection data
Conductor c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 16 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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