

INDUSTRIAL COMPONENT DATA

AKG 35 BU 0424013 PHOENIX CONTACT Connection terminal block, Connection method Screw connection, Load current..

Brand: PHOENIX CONTACT | Manufacturer Part Number: AKG 35 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	AKG 35 BU
Catalog number	0424013
Category	Busbar terminal
Minimum order	50 Pcs
Document ID	EO-E08CC04858
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Product Overview

Connection terminal block, Connection method Screw connection, Load current : 125 A, Cross section: 2.5 mm² - 35 mm², Width: 14.3 mm, Color: blue

Connection terminal, rated voltage: 300 V, rated current: 125 A, connection type: Screw connection, Dimensioning section: 35 mm², section: 2.5 mm² - 35 mm², mounting: Neutral busbar, color: 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

General

Color blue

Insulating material PA

Nominal cross section 35 mm²

Flammability rating according to UL 94 V2

General

Maximum load current 125 A (with 35 mm² conductor cross section)

Connection in acc. with standard IEC / EN

Nominal current IN 125 A

Maximum load current 125 A (with 35 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 2.5 mm² / 0.7 kg
25 mm² / 4.5 kg
35 mm² / 6.8 kg
Tensile test result Test passed
Conductor cross section tensile test 2.5 mm²
Tractive force setpoint 50 N
Conductor cross section tensile test 25 mm²
Tractive force setpoint 135 N
Conductor cross section tensile test 35 mm²
Tractive force setpoint 190 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 25 mm²
Short-time current 3 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 27 mm
Width 14.3 mm
Connection data
Conductor cross section solid min. 2.5 mm²
Conductor cross section solid max. 35 mm²
Conductor cross section flexible min. 2.5 mm²
Conductor cross section flexible max.....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 35 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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