

INDUSTRIAL COMPONENT DATA

AKG 4 BK-EX 0421058 PHOENIX CONTACT Connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: AKG 4 BK-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	AKG 4 BK-EX
Catalog number	0421058
Category	Busbar terminal
Minimum order	50 Pcs
Document ID	EO-77C7E01D43
Generated	2026-08-05

Product Overview

Connection terminal block

Terminal block, nominal voltage: 300 V, nominal current: 32 A, connection type: Screw connection, Sizing cross-section: 4 mm², cross-section: 0.5 mm² - 6 mm², mounting: Neutral busbar, color: black

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 0421058

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 598 (C-3-2017)

GTIN 4017918001957

Weight per Piece (excluding packing) 5.410 g

Custom tariff number 85369010

Country of origin IN (India)

General

Color black

Nominal cross section 4 mm²

Maximum load current 41 A

Nominal current IN 32 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

Tensile test result Test passed

Result of tight fit on support Test passed

Result of voltage-drop test Test passed

Result of temperature-rise test Test passed

Short circuit stability result Test passed

Result of thermal test Test passed

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

Dimensions

Length 23.4 mm

Width 7 mm

Connection data

Conductor cross section solid min. 0.5 mm²

Conductor cross section solid max. 6 mm²

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 10

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 6 mm²

Conductor cross section flexib...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 4 BK-EX 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

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.