

**INDUSTRIAL COMPONENT DATA**

# AKG 35 BK 0424039 PHOENIX CONTACT Connection terminal block

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



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | AKG 35 BK       |
| Catalog number  | 0424039         |
| Category        | Busbar terminal |
| Minimum order   | 50 Pcs          |
| Document ID     | EO-FA13D36A73   |
| Generated       | 2026-09-21      |

## Product Overview

Connection terminal block

Connection terminal, nominal voltage: 300 V, rated current: 125 A, connection type: Screw connection, Dimensioning section: 35 mm<sup>2</sup>, section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, 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 0424039

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 599 (C-3-2017)

GTIN 4017918002060

Weight per Piece (excluding packing) 19.700 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Color black

Insulating material PA

Nominal cross section 35 mm<sup>2</sup>

Flammability rating according to UL 94 V2

Maximum load current 125 A (with 35 mm<sup>2</sup> conductor cross section)

Maximum power dissipation for nominal condition 4.06 W

Connection in acc. with standard IEC / EN

Nominal current I<sub>N</sub> 125 A

Maximum load current 125 A (with 35 mm<sup>2</sup> conductor cross section)

Nominal voltage U<sub>N</sub> 300 V

Dimensions

Length 27 mm

Width 14.3 mm

Connection data

Conductor cross section solid min. 2.5 mm<sup>2</sup>

Conductor cross section solid max. 35 mm<sup>2</sup>

Conductor cross section flexible min. 2.5 mm<sup>2</sup>

Conductor cross section flexible max. 35 mm<sup>2</sup>

Conductor cross section AWG min. 14

Conductor cross section AWG max. 2

Conductor cross section flexible, with ferrule without plastic sleeve min. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 35 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 35 mm<sup>2</sup>

2 conductors with same cross section, solid min. 1.5 mm<sup>2</sup>

2 conductors with same cross section, solid max. 16 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 16 mm<sup>2</sup>

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 35 BK 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

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