

## INDUSTRIAL COMPONENT DATA

# AK 4 0404017 PHOENIX CONTACT Connection terminal block, Connection method Screw connection, Cross section: 0..

Brand: PHOENIX CONTACT | Manufacturer Part Number: AK 4



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | AK 4            |
| Catalog number  | 0404017         |
| Category        | Busbar terminal |
| Minimum order   | 50 Pcs          |
| Document ID     | EO-C3AA600C54   |
| Generated       | 2026-07-29      |

## Product Overview

Connection terminal block, Connection method Screw connection, Cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, Width: 7 mm, Color: silver

Connection terminal, connection type: Screw connection, Dimensioning section: 4 mm<sup>2</sup>, section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: silver

Connection terminal block, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: silver

## 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

Technical dataProduct propertiesProduct type Pick-off terminal

Number of connections 1

Number of rows 1

Data management status

Article revision 06

Electrical propertiesMaximum load current 41 A

Maximum power dissipation for nominal condition 1.02 W

Nominal current I<sub>N</sub> 32 A

Current carrying capacity of the neutral busbar 140 A

Connection dataNominal cross section 4 mm<sup>2</sup>

Maximum load current 41 A  
Screw thread M4  
Tightening torque 1.5 ... 1.8 Nm  
Stripping length 16 mm  
Connection in acc. with standard IEC 60947-7-1  
Conductor cross section rigid 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Cross section AWG 20 ... 10 (converted acc. to IEC)  
Conductor cross section flexible 0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
Conductor cross section, flexible [AWG] 20 ... 12 (converted acc. to IEC)  
Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>  
2 conductors with same cross section, solid 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Nominal cross section 4 mm<sup>2</sup>  
Dimensions Width 7 mm  
Height 16 mm  
Depth 23.6 mm  
Length 16 mm  
Material specifications Color silver-colored  
Electrical tests Result Test passed  
Mechanical tests Mechanical strength  
Result Test passed  
Standards and regulations C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AK 4 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

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