

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-0B07ADED94
Generated	2026-09-22

Product Overview

Connection terminal block, Connection method Screw connection, Cross section: 0.5 mm² - 6 mm², Width: 7 mm, Color: silver

Connection terminal, connection type: Screw connection, Dimensioning section: 4 mm², section: 0.5 mm² - 6 mm², mounting: Neutral busbar, color: silver

Connection terminal block, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.5 mm² - 6 mm², 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_N 32 A

Current carrying capacity of the neutral busbar 140 A

Connection dataNominal cross section 4 mm²

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 mm² ... 6 mm²
Cross section AWG 20 ... 10 (converted acc. to IEC)
Conductor cross section flexible 0.5 mm² ... 4 mm²
Conductor cross section, flexible [AWG] 20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² ... 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm² ... 6 mm²
2 conductors with same cross section, solid 0.5 mm² ... 2.5 mm²
2 conductors with same cross section, flexible 0.5 mm² ... 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.5 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 2.5 mm²
Nominal cross section 4 mm²
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 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.