

**INDUSTRIAL COMPONENT DATA**

# AKG 4 GNYE 0421029 PHOENIX CONTACT Connection terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: AKG 4 GNYE



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | AKG 4 GNYE      |
| Catalog number  | 0421029         |
| Category        | Busbar terminal |
| Minimum order   | 50 Pcs          |
| Document ID     | EO-0B199E5076   |
| Generated       | 2026-09-20      |

## Product Overview

Connection terminal block

Connection terminal, rated voltage: 300 V, rated current: 41 A, connection type: Screw connection, Sizing section: 4 mm<sup>2</sup>, section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting: Neutral busbar, color: yellow-green

**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 0421029

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918001926

Weight per Piece (excluding packing) 5.420 g

Custom tariff number 85369010

Country of origin IN (India)

General

Color green-yellow

Insulating material PA

Nominal cross section 4 mm<sup>2</sup>

Flammability rating according to UL 94 V2  
Maximum load current 41 A  
Maximum power dissipation for nominal condition 1.31 W  
Nominal current IN 41 A  
Maximum load current 41 A (with 6 mm<sup>2</sup> conductor cross section)  
Nominal voltage UN 300 V  
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  
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  
Behavior in fire for rail vehicles (DIN 5510-2) Test passed  
Oxygen index (DIN EN ISO 4589-2) 28,2%  
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 2  
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 2  
Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 2  
Dimensions  
Length 23.4 mm  
Width 7 mm  
Connection data  
Conductor cross section solid min. 0.5 mm<sup>2</sup>  
Conductor cross section solid max. 6 mm<sup>2</sup>  
Conductor cross section flexible min. 0.5 mm<sup>2</sup>  
Conductor cross section flexible max. 4 mm<sup>2</sup>  
Conductor cross section AWG min. 20  
Conductor cross section AWG max. 10  
Conductor cross section flexible...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AKG 4 GNYE 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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