

## Connection terminal block - AKG 16 GNYE - 0423027

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Connection terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, Width: 9.8 mm, Color: green-yellow



### Key commercial data

|                                      |                                                                                                        |
|--------------------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                   |
| GTIN                                 | <br>4 017918 002008 |
| Weight per Piece (excluding packing) | 10.52 GRM                                                                                              |
| Custom tariff number                 | 85369010                                                                                               |
| Country of origin                    | Germany                                                                                                |

### Technical data

#### General

|                                         |                                                        |
|-----------------------------------------|--------------------------------------------------------|
| Color                                   | green-yellow                                           |
| Insulating material                     | PA                                                     |
| Inflammability class according to UL 94 | V2                                                     |
| Maximum load current                    | 76 A (with 16 mm <sup>2</sup> conductor cross section) |
| Nominal current I <sub>N</sub>          | 76 A                                                   |
| Nominal voltage U <sub>N</sub>          | 300 V                                                  |

#### Dimensions

|        |         |
|--------|---------|
| Length | 23.7 mm |
| Width  | 9.8 mm  |

#### Connection data

|                                    |                     |
|------------------------------------|---------------------|
| Conductor cross section solid min. | 1.5 mm <sup>2</sup> |
| Conductor cross section solid max. | 16 mm <sup>2</sup>  |

# Connection terminal block - AKG 16 GNYE - 0423027

## Technical data

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section stranded min.                                                   | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 16 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                                  | 16                  |
| Conductor cross section AWG/kcmil max                                                   | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 16 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 1.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 16 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.                                        | 6 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.                                     | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 1.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup>  |
| Connection method                                                                       | Screw connection    |
| Stripping length                                                                        | 16 mm               |
| Screw thread                                                                            | M5                  |
| Tightening torque, min                                                                  | 2.5 Nm              |
| Tightening torque max                                                                   | 3 Nm                |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141131 |
| eCl@ss 5.1 | 27141131 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 27141120 |
| eCl@ss 8.0 | 27141120 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000897 |
|----------|----------|

## Connection terminal block - AKG 16 GNYE - 0423027

### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

### Approvals

#### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                         |      |
|-----------------------------------------------------------------------------------------|------|
| CSA  |      |
| mm²/AWG/kcmil                                                                           | 18-6 |
| Nominal current I <sub>N</sub>                                                          | 65 A |

|                                                                                                   |      |
|---------------------------------------------------------------------------------------------------|------|
| UL Recognized  |      |
| mm²/AWG/kcmil                                                                                     | 18-6 |

Connection terminal block - AKG 16 GNYE - 0423027

Approvals

|                                                                                                  |      |
|--------------------------------------------------------------------------------------------------|------|
| cUL Recognized  |      |
| mm²/AWG/kcmil                                                                                    | 18-6 |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

|                                                                                                        |
|--------------------------------------------------------------------------------------------------------|
| cULus Recognized  US |
|--------------------------------------------------------------------------------------------------------|

Drawings

Catalog photo

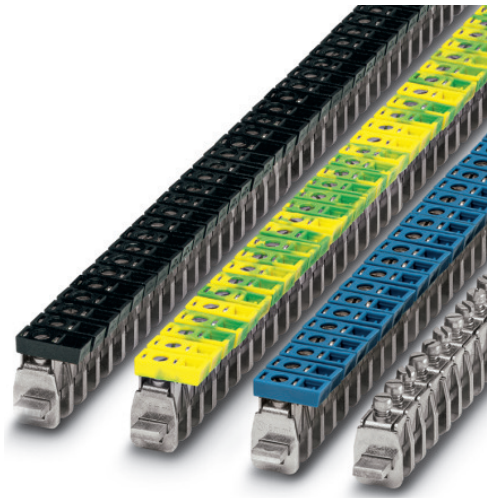


Figure may contain other products.

Catalog photo

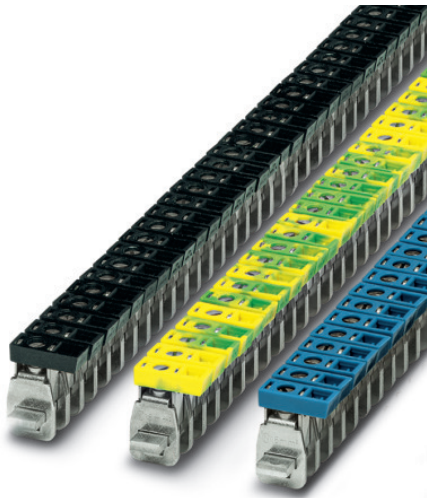
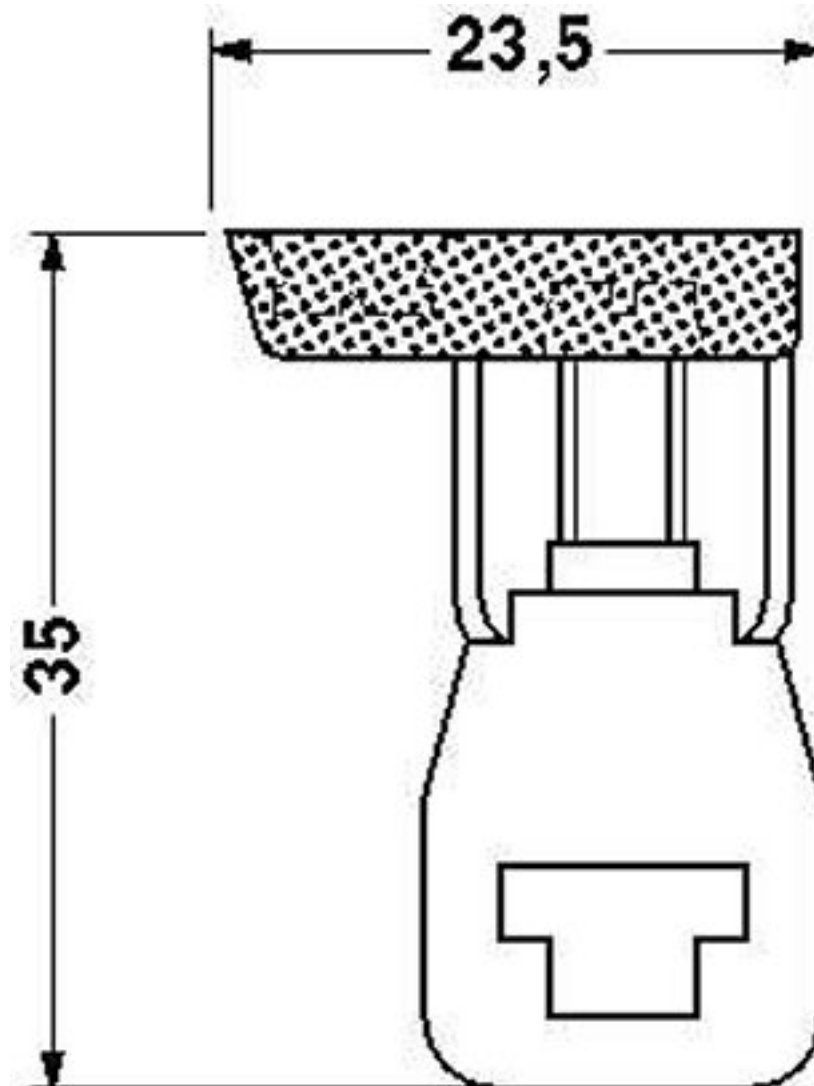


Figure may contain other products.

## Connection terminal block - AKG 16 GNYE - 0423027

Dimensioned drawing



## Connection terminal block - AKG 16 GNYE - 0423027

Dimensioned drawing

