

Connection terminal block - AKG 16 GNYE - 0423027


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Connection terminal block, Connection method Screw connection, Load current : 76 A, Cross section: 1.5 mm² - 16 mm², Width: 9.8 mm, Color: green-yellow

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 017918 002008 |
| GTIN | 4017918002008 |
| Weight per Piece (excluding packing) | 10.540 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

General

| | |
|---|--|
| Color | green-yellow |
| Insulating material | PA |
| Nominal cross section | 16 mm ² |
| Flammability rating according to UL 94 | V2 |
| Maximum load current | 76 A (with 16 mm ² conductor cross section) |
| Maximum power dissipation for nominal condition | 2.43 W |
| Nominal current I _N | 76 A |
| Maximum load current | 76 A (with 16 mm ² conductor cross section) |
| Nominal voltage U _N | 300 V |

Dimensions

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

Connection data

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Technical data

Connection data

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

Standards and Regulations

| | |
|--|-----|
| Connection in acc. with standard | CSA |
| Flammability rating according to UL 94 | V2 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Approvals

Approvals

Approvals


CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized


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Approvals

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| mm ² /AWG/kcmil | | 18-6 | |
| Nominal current I _N | | 65 A | |

| | | | |
|----------------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| mm ² /AWG/kcmil | | 18-6 | |

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|----------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| mm ² /AWG/kcmil | | 18-6 | |

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|-----|---|---------------------|
| EAC |  | 7500651.22.01.00246 |
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|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

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| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
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