

Connection terminal block - AKG 4 GNYE-EX - 0421045


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Connection terminal block, connection method: Screw connection, load current: 41 A, cross section: 0.5 mm² - 6 mm², width: 7 mm, color: green-yellow



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 STK |
| GTIN |  4 017918 001940 |
| GTIN | 4017918001940 |

Technical data

General

| | |
|---|---|
| Color | green-yellow |
| Nominal cross section | 4 mm ² |
| Maximum load current | 41 A |
| Nominal current I _N | 32 A |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| Nominal voltage U _N | 300 V |
| Result of the test for mechanical stability of terminal points (5 x conductor connection) | Test passed |
| Result of bending test | Test passed |
| Tensile test result | Test passed |
| Result of tight fit on support | Test passed |
| Result of voltage-drop test | Test passed |
| Result of temperature-rise test | Test passed |
| Short circuit stability result | Test passed |
| Result of thermal test | Test passed |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |

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Technical data

General

| | |
|---|--------|
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
|---|--------|

Dimensions

| | |
|--------|---------|
| Length | 23.4 mm |
| Width | 7 mm |

Connection data

| | |
|---|---------------------|
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 6 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm ² |
| Connection method | Screw connection |
| Stripping length | 16 mm |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.6 Nm |

Environmental Product Compliance

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

Approvals

Approvals

Connection terminal block - AKG 4 GNYE-EX - 0421045

Approvals


Approvals

EAC

Ex Approvals

IECEX / EAC Ex / ATEX / UL Recognized / cUL Recognized / cULus Recognized

Approval details

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

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