

## Connection terminal block - AKG 4 GN - 3062935

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Connection terminal block, connection method: Screw connection, load current: 41 A, cross section: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup>, width: 7 mm, color: green

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 50 STK                                                                                                  |
| GTIN         | <br>4 046356 558327 |
| GTIN         | 4046356558327                                                                                           |

### Technical data

#### General

|                                        |                                                       |
|----------------------------------------|-------------------------------------------------------|
| Color                                  | green                                                 |
| Insulating material                    | PA                                                    |
| Nominal cross section                  | 4 mm <sup>2</sup>                                     |
| Flammability rating according to UL 94 | V2                                                    |
| Maximum load current                   | 41 A                                                  |
| Nominal current I <sub>N</sub>         | 41 A                                                  |
| Maximum load current                   | 41 A (with 6 mm <sup>2</sup> conductor cross section) |
| Nominal voltage U <sub>N</sub>         | 300 V                                                 |

#### Dimensions

|        |         |
|--------|---------|
| Length | 23.7 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                  |

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## Technical data

### Connection data

|                                                                                         |                     |
|-----------------------------------------------------------------------------------------|---------------------|
| Conductor cross section AWG max.                                                        | 10                  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.                                        | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                     | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup> |
| Connection method                                                                       | Screw connection    |
| Stripping length                                                                        | 16 mm               |
| Screw thread                                                                            | M4                  |
| Tightening torque, min                                                                  | 1.5 Nm              |
| Tightening torque max                                                                   | 1.8 Nm              |

### Standards and Regulations

|                                        |     |
|----------------------------------------|-----|
| Connection in acc. with standard       | CUL |
| 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

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

#### Ex Approvals

### Approval details

## Connection terminal block - AKG 4 GN - 3062935

### Approvals

|                                |                                                                                   |                                                                                                                                                       |              |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL Recognized                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                 | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 22-12                                                                             | 22-12                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 20 A                                                                              | 20 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 250 V                                                                             | 300 V                                                                                                                                                 |              |

|                                |                                                                                   |                                                                                                                                                       |              |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL Recognized                 |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 60425 |
|                                | B                                                                                 | C                                                                                                                                                     |              |
| mm²/AWG/kcmil                  | 22-12                                                                             | 22-12                                                                                                                                                 |              |
| Nominal current I <sub>N</sub> | 20 A                                                                              | 20 A                                                                                                                                                  |              |
| Nominal voltage U <sub>N</sub> | 250 V                                                                             | 300 V                                                                                                                                                 |              |

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

|                                |                                                                                     |                                                                                                                                         |       |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                                |                                                                                     |                                                                                                                                         |       |
| mm²/AWG/kcmil                  | 22-12                                                                               |                                                                                                                                         |       |
| Nominal current I <sub>N</sub> | 20 A                                                                                |                                                                                                                                         |       |

|                  |                                                                                     |                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| cULus Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

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