

**KQN-M16/-50****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com



The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

**General ordering data**

|            |  |
|------------|--|
| Version    | cable lug, terminal end,50 mm <sup>2</sup> |
| Order No.  | <a href="#">1493180000</a>                 |
| Type       | KQN-M16/-50                                |
| GTIN (EAN) | 4050118302844                              |
| Qty.       | 50 items                                   |

## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 20.82 g |
|------------|---------|

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Connectors

|                                |                    |                                |               |
|--------------------------------|--------------------|--------------------------------|---------------|
| Conductor cross-section        | 50 mm <sup>2</sup> | Insulation                     | not available |
| Hole                           | M 16               | Inside diameter of shaft (d1)  | 11 mm         |
| Outside diameter of shaft (d3) | 28 mm              | Shaft length (a)               | 16 mm         |
| Connection length (l)          | 40 mm              | Inside diameter of flange (d2) | 17 mm         |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001059    | ETIM 9.0    | EC001059    |
| ETIM 10.0   | EC001059    | ECLASS 14.0 | 27-40-02-12 |
| ECLASS 15.0 | 27-40-02-12 |             |             |

**Drawings**



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## Accessories

## Tools



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | EPG 45                     | Version  |
| Order No.  | <a href="#">1500830000</a> | Pressing tool, 6mm <sup>2</sup> , 150mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent |
| GTIN (EAN) | 4050118309317              | crimp, Trapezoidal crimp, Oval crimping  |
| Qty.       | 1 ST                       |  |

## ... for tubular cable lugs (acc. to EN 13600)



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## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | ES EPG 45 WM 25/50         | Version                      |
| Order No.  | <a href="#">1500880000</a> | 50mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118309171              |                              |
| Qty.       | 1 ST                       |                              |

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## General ordering data

|            |                            |         |                                     |
|------------|----------------------------|---------|-------------------------------------|
| Type       | ES EPG 45 HEX 25/50        | Version |                                     |
| Order No.  | <a href="#">1500970000</a> | Version | 50mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118309195              |         |                                     |
| Qty.       | 1 ST                       |         |                                     |

## Tools



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- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

## General ordering data

|            |                            |         |   |
|------------|----------------------------|---------|---|
| Type       | EPG 60                     | Version |   |
| Order No.  | <a href="#">2453810000</a> | Version | Pressing tools, Tools, Pressing tool, 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping |
| GTIN (EAN) | 4050118468434              |         |   |
| Qty.       | 1 ST                       |         |   |

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## ... for tubular cable lugs



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- electronic control and monitoring of the crimping process
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- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | ES EPG/HPG 60 WM 50        | Version  |
| Order No.  | <a href="#">2469580000</a> | Crimping tool insert, 50mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118483864              |  |
| Qty.       | 1 ST                       |  |

## ... for compression cable lugs



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- automatic pressure limitation and monitoring via pressure sensor
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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | ES EPG/HPG 60 HEX 50       | Version   |
| Order No.  | <a href="#">2505200000</a> | Crimping tool insert, 50mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118519600              |   |
| Qty.       | 1 ST                       |   |

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## Accessories

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## Tools



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HPG 60                     | Version  |
| Order No.  | <a href="#">2453820000</a> | 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp, |
| GTIN (EAN) | 4050118468427              | Trapezoidal crimp, Oval crimping   |
| Qty.       | 1 ST                       |  |

## ... for tubular cable lugs (acc. to EN 13600)



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- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | ES APG 80 WM 50            | Version                      |
| Order No.  | <a href="#">1502500000</a> | 50mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310658              |                              |
| Qty.       | 1 ST                       |                              |

**Accessories****... for compression cable lugs (acc. to DIN 46235)**

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- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
  - electronic control and monitoring of the crimping process
  - Saving of all crimping cycles and error messages to internal memory
  - Reading of all cycles and error messages via USB

**General ordering data**

|            |                            |                                     |
|------------|----------------------------|-------------------------------------|
| Type       | ES APG 80 HEX 50           | Version                             |
| Order No.  | <a href="#">1502670000</a> | 50mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118310559              |                                     |
| Qty.       | 1 ST                       |                                     |