

**KWPN-M6/-16 90****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, 16 mm <sup>2</sup> |
| Order No.  | <a href="#">1497440000</a>                  |
| Type       | KWPN-M6/-16 90                              |
| GTIN (EAN) | 4050118306644                               |
| Qty.       | 100 items                                   |

## KWPN-M6/-16 90

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## Technical data

### Approvals

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

### Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 12.54 g |
|------------|---------|

### Environmental Product Compliance

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

### Technical data

|         |                       |
|---------|-----------------------|
| Version | DIN series 46235, 90° |
|---------|-----------------------|

### Connectors

|                                |                    |                                |               |
|--------------------------------|--------------------|--------------------------------|---------------|
| Conductor cross-section        | 16 mm <sup>2</sup> | Insulation                     | not available |
| Hole                           | M 6                | Inside diameter of shaft (d1)  | 5.5 mm        |
| Outside diameter of shaft (d3) | 8.5 mm             | Shaft length (a)               | 20 mm         |
| Connection length (l)          | 14.3 mm            | Inside diameter of flange (d2) | 6.4 mm        |
| Flange width (b)               | 13 mm              | Identification number Cu       | 8 K           |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001050    | ETIM 9.0    | EC001050    |
| ETIM 10.0   | EC001050    | ECLASS 14.0 | 27-40-02-03 |
| ECLASS 15.0 | 27-40-02-03 |             |             |

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**Drawings**

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## Accessories

### Crimping tools



Crimping tools for non-insulated connectors  
 Rolled cable lugs, tubular cable lugs, terminal pins,  
 parallel and serial connectors

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation

### General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | CTN 25 D5                  | Version  |  |
| Order No.  | <a href="#">9006230000</a> | Pressing tool, Crimping tool for contacts, 10mm <sup>2</sup> , 25mm <sup>2</sup> , Hexagonal |  |
| GTIN (EAN) | 4008190198459              | crimp  |  |
| Qty.       | 1 ST                       |  |  |

### Crimping tool for tubular (EN 13600) and compression cable lugs (DIN 46235)



Crimping tools for tubular and compression cable lugs  
 with swivel crimping star.

- Integrated crimping star for different cross-sections
- Hexagon crimping tools for compression cable lugs
- WM-From crimping tools for tubular cable lugs
- wide processing range up to 70 or 120 mm<sup>2</sup>

### General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | PZ PK 6/70                 | Version  |  |
| Order No.  | <a href="#">1500470000</a> | 6mm <sup>2</sup> , 70mm <sup>2</sup> , Hexagonal crimp   |  |
| GTIN (EAN) | 4050118309263              |  |  |
| Qty.       | 1 ST                       |  |  |
| Type       | PZ PK 10/120               | Version  |  |
| Order No.  | <a href="#">1500480000</a> | 10mm <sup>2</sup> , 120mm <sup>2</sup> , Hexagonal crimp |  |
| GTIN (EAN) | 4050118309089              |  |  |
| Qty.       | 1 ST                       |  |  |

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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)



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       | ES EPG 45 WM 16/35         | Version                      |
| Order No.  | <a href="#">1500920000</a> | 35mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118309478              |                              |
| Qty.       | 1 ST                       |                              |

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## Accessories

## ... for compression cable lugs (acc. to DIN 46235)



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       | ES EPG 45 HEX 16/35        | Version |                                     |
| Order No.  | <a href="#">1500950000</a> | Version | 35mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118309492              |         |                                     |
| Qty.       | 1 ST                       |         |                                     |

## 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 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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## Accessories

## ... for tubular cable lugs



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       | ES EPG/HPG 60 WM 16        | Version |  |
| Order No.  | <a href="#">2469550000</a> |         | Crimping tool insert, 16mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118483833              |         |  |
| Qty.       | 1 ST                       |         |  |

## ... for compression cable lugs



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       | ES EPG/HPG 60 HEX 16       | Version |   |
| Order No.  | <a href="#">2505170000</a> |         | Crimping tool insert, 16mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118519549              |         |   |
| Qty.       | 1 ST                       |         |   |

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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 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)



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       | ES APG 80 WM 16            | Version                      |
| Order No.  | <a href="#">1502470000</a> | 16mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310498              |                              |
| Qty.       | 1 ST                       |                              |

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## Accessories

### ... for compression cable lugs (acc. to DIN 46235)



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       | ES APG 80 HEX 16           | Version |                                     |
| Order No.  | <a href="#">1502630000</a> |         | 16mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118310436              |         |                                     |
| Qty.       | 1 ST                       |         |                                     |