

KWN-M5/-6 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,6 mm ² ,6 mm ² - 6 mm ²
Order No.	1496120000
Type	KWN-M5/-6 90
GTIN (EAN)	4050118305753
Qty.	100 ST

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	5.38 g
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Environmental Product Compliance

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

Technical data

Version	Euro series 90°
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Connectors

Conductor cross-section, max.	6 mm ²	Conductor cross-section, min.	6 mm ²
Conductor cross-section	6 mm ²	Insulation	not available
Hole	M 5	Identification colour	None
Inside diameter of shaft (d1)	3.5 mm	Outside diameter of shaft (d3)	6.5 mm
Shaft length (a)	8 mm	Connection length (l)	11.2 mm
Inside diameter of flange (d2)	5.3 mm	Flange width (b)	11 mm

Classifications

ETIM 6.0	EC001051	ETIM 7.0	EC001051
ETIM 8.0	EC001051	ETIM 9.0	EC001051
ETIM 10.0	EC001051	ECLASS 9.0	27-40-02-05
ECLASS 9.1	27-40-02-05	ECLASS 10.0	27-40-02-05
ECLASS 11.0	27-40-02-05	ECLASS 12.0	27-40-02-05
ECLASS 13.0	27-40-02-05	ECLASS 14.0	27-40-02-05
ECLASS 15.0	27-40-02-05		

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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	HTN 21	Version	
Order No.	9014610000	Pressing tool, Crimping tool for contacts, 0.5mm ² , 6mm ² , Indent	
GTIN (EAN)	4008190152734	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 mm²

General ordering data

Type	PZ RK 6/70	Version	
Order No.	1500440000	6mm ² , 70mm ² , Hexagonal crimp	
GTIN (EAN)	4050118309058		
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 mm²
- 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

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Accessories

General ordering data

Type	EPG 45	Version	
Order No.	1500830000	Pressing tool, 6mm ² , 150mm ² , 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 mm²
- 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 6	Version	
Order No.	1500850000	Accessories, 6mm ² , WM crimp	
GTIN (EAN)	4050118309485		
Qty.	1 ST		

... 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 mm²
- 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 6	Version	
Order No.	1500930000	6mm ² , Hexagonal crimp	
GTIN (EAN)	4050118309508		
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

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- large processing range up to 300 mm²
- 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.	2453810000	Pressing tools, Tools, Pressing tool, 6mm ² , 300mm ² , Hexagonal
GTIN (EAN)	4050118468434	crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
Qty.	1 ST	

... 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 mm²
- 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 6	Version
Order No.	2469380000	Crimping tool insert, 6mm ² , WM crimp
GTIN (EAN)	4050118532937	
Qty.	1 ST	

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Accessories

... for compression cable lugs



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

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- large processing range up to 300 mm²
- 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 6	Version	
Order No.	2505150000	Accessories, 6mm ² , Hexagonal crimp	
GTIN (EAN)	4050118519532		
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 400 mm²
- 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.	2453820000	6mm ² , 300mm ² , Hexagonal crimp, WM crimp, Indent crimp,	
GTIN (EAN)	4050118468427	Trapezoidal crimp, Oval crimping	
Qty.	1 ST		
Type	APG 80	Version	
Order No.	1502390000	6mm ² , 400mm ²	
GTIN (EAN)	4050118310627		
Qty.	1 ST		

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Accessories

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



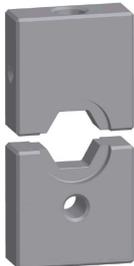
Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm²
- 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 6	Version	
Order No.	1502430000	6mm ² , WM crimp	
GTIN (EAN)	4050118310801		
Qty.	1 ST		

... 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 mm²
- 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 6	Version	
Order No.	1502600000	6mm ² , Hexagonal crimp	
GTIN (EAN)	4050118310672		
Qty.	1 ST		