

**ES APG 80 HEX 240****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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**

Version	Hexagonal crimp
Order No.	<a href="#">1502740000</a>
Type	ES APG 80 HEX 240
GTIN (EAN)	4050118310481
Qty.	1 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Net weight	285.8 g
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**Crimp inserts**

Crimp cross-section aluminium	185	Crimp cross-section copper	240
Crimping width	5 mm	Crimping width in mm	5
Identification number	28		

**Description of contact**

Conductor cross-section, max. AWG	450
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**tool data crimping**

Cable lug cross section	nominal	240 mm <sup>2</sup>
Crimping type/profile	Hexagonal crimp	

**Classifications**

ETIM 6.0	EC001282	ETIM 7.0	EC001282
ETIM 8.0	EC001282	ETIM 9.0	EC001282
ECLASS 9.0	21-04-90-90	ECLASS 9.1	21-01-90-90
ECLASS 10.0	21-04-90-90	ECLASS 11.0	21-04-90-90
ECLASS 12.0	21-04-90-90	ECLASS 13.0	21-04-90-90

**Environmental Product Compliance**

REACH SVHC	/
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**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

## ES APG 80 HEX 240

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## Accessories

10 mm<sup>2</sup>

**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

Type	KWN-M8/-10 90	Version
Order No.	<a href="#">1497040000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306576	
Qty.	100 pc(s).	
Type	KWN-M6/-10 90	Version
Order No.	<a href="#">1497030000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306484	
Qty.	100 pc(s).	
Type	KWN-M5/-10 90	Version
Order No.	<a href="#">1497020000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306712	
Qty.	100 pc(s).	
Type	KWN-M10/-10 90	Version
Order No.	<a href="#">1497050000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306750	
Qty.	100 pc(s).	
Type	KWN-M12/-10 90	Version
Order No.	<a href="#">1497070000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306606	
Qty.	100 pc(s).	

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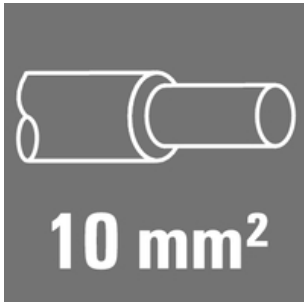
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## Accessories

10 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

Type	KWPN-M6/-10 90	Version
Order No.	<a href="#">1497420000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118307023	
Qty.	100 pc(s).	
Type	KWPN-M8/-10 90	Version
Order No.	<a href="#">1497430000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306927	
Qty.	100 pc(s).	

185 mm<sup>2</sup>

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- Wide range of insulated and non-insulated cable lugs and connectors
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- 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

Type	VPN/-185	Version
Order No.	<a href="#">1498720000</a>	cable lug, terminal end, 185 mm <sup>2</sup> , 185 mm <sup>2</sup>
GTIN (EAN)	4050118308051	
Qty.	25 pc(s).	

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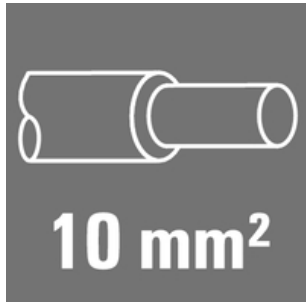
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## Accessories

10 mm<sup>2</sup>

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- Insulated ring cable lugs to DIN 46237
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## General ordering data

Type	KP-M5/-10	Version
Order No.	<a href="#">1497870000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118307252	
Qty.	100 pc(s).	
Type	KP-M6/-10	Version
Order No.	<a href="#">1497880000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118307283	
Qty.	100 pc(s).	
Type	KP-M10/-10	Version
Order No.	<a href="#">1497910000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118307276	
Qty.	100 pc(s).	
Type	KP-M8/-10	Version
Order No.	<a href="#">1497890000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118307573	
Qty.	100 pc(s).	

120 mm<sup>2</sup>

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- 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

Type	KWN-M8/-120 90	Version
Order No.	<a href="#">1494680000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304343	
Qty.	25 pc(s).	

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## Accessories

Type	KWN-M10/-120 90	Version
Order No.	<a href="#">1494450000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304084	
Qty.	25 pc(s).	
Type	KWN-M16/-120 90	Version
Order No.	<a href="#">1494480000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304312	
Qty.	25 pc(s).	
Type	KWN-M12/-120 90	Version
Order No.	<a href="#">1494470000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304091	
Qty.	25 pc(s).	

120 mm<sup>2</sup>

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- 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

Type	VPLN/-120	Version
Order No.	<a href="#">1492960000</a>	cable lug, terminal end, 120 mm <sup>2</sup> , 120 mm <sup>2</sup>
GTIN (EAN)	4050118302936	
Qty.	50 pc(s).	

120 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

Type	KQN-M16/-120	Version
Order No.	<a href="#">1493350000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118303100	
Qty.	25 pc(s).	

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## Accessories

Type	KQN-M20/-120	Version
Order No.	<a href="#">1493360000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118303063	
Qty.	25 pc(s).	
Type	KQN-M8/-120	Version
Order No.	<a href="#">1493320000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118303186	
Qty.	25 pc(s).	
Type	KQN-M10/-120	Version
Order No.	<a href="#">1493330000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118303070	
Qty.	25 pc(s).	
Type	KQN-M12/-120	Version
Order No.	<a href="#">1493340000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118302998	
Qty.	25 pc(s).	

10 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

Type	VSTN/10	Version
Order No.	<a href="#">1493030000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118302776	
Qty.	100 pc(s).	

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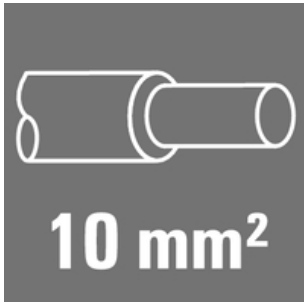
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## Accessories

10 mm<sup>2</sup>

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- 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

Type	KQNG-M6/-10	Version
Order No.	<a href="#">1492690000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118302394	
Qty.	100 pc(s).	
Type	KQNG-M5/-10	Version
Order No.	<a href="#">1492680000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118302479	
Qty.	100 pc(s).	

120 mm<sup>2</sup>

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- 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

Type	KWN-M10/-120 45	Version
Order No.	<a href="#">1496400000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118306224	
Qty.	25 pc(s).	
Type	KWN-M16/-120 45	Version
Order No.	<a href="#">1496420000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118306118	
Qty.	25 pc(s).	
Type	KWN-M8/-120 45	Version
Order No.	<a href="#">1496390000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305999	
Qty.	25 pc(s).	



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## Accessories

Type	KWN-M12/-120 45	Version
Order No.	<a href="#">1496410000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118306057	
Qty.	25 pc(s).	

240 mm<sup>2</sup>

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- 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

Type	KQN-M12/-240	Version
Order No.	<a href="#">1493470000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118303551	
Qty.	25 pc(s).	
Type	KQN-M10/-240	Version
Order No.	<a href="#">1493460000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118303230	
Qty.	25 pc(s).	
Type	KQN-M16/-240	Version
Order No.	<a href="#">1493480000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118303209	
Qty.	25 pc(s).	

120 mm<sup>2</sup>

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- 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

Type	KP-M12/-120	Version
Order No.	<a href="#">1498250000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307627	
Qty.	50 pc(s).	

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## Accessories

Type	KP-M14/-120	Version
Order No.	<a href="#">1498490000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307771	
Qty.	50 pc(s).	
Type	KP-M10/-120	Version
Order No.	<a href="#">1498240000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307368	
Qty.	50 pc(s).	
Type	KP-M20/-120	Version
Order No.	<a href="#">1498280000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307702	
Qty.	50 pc(s).	
Type	KP-M8/-120	Version
Order No.	<a href="#">1498480000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307900	
Qty.	50 pc(s).	
Type	KP-M16/-120	Version
Order No.	<a href="#">1498270000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307580	
Qty.	50 pc(s).	

120 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

Type	KRN-M8/-120	Version
Order No.	<a href="#">1495790000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305401	
Qty.	25 pc(s).	
Type	KRN-M10/-120	Version
Order No.	<a href="#">1495650000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305289	
Qty.	25 pc(s).	
Type	KRN-M12/-120	Version
Order No.	<a href="#">1495670000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305258	
Qty.	25 pc(s).	
Type	KRN-M20/-120	Version
Order No.	<a href="#">1495690000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305524	
Qty.	25 pc(s).	

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## Accessories

Type	KRN-M14/-120	Version
Order No.	<a href="#">1495800000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305616	
Qty.	25 pc(s).	
Type	KRN-M16/-120	Version
Order No.	<a href="#">1495680000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118305272	
Qty.	25 pc(s).	

240 mm<sup>2</sup>

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## General ordering data

Type	VSTN/-240	Version
Order No.	<a href="#">1497400000</a>	cable lug, terminal end, 240 mm <sup>2</sup> , 240 mm <sup>2</sup>
GTIN (EAN)	4050118306965	
Qty.	25 pc(s).	

10 mm<sup>2</sup>

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- 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

Type	KWN-M10/-10 45	Version
Order No.	<a href="#">1496840000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306361	
Qty.	100 pc(s).	
Type	KWN-M5/-10 45	Version
Order No.	<a href="#">1496810000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306309	
Qty.	100 pc(s).	

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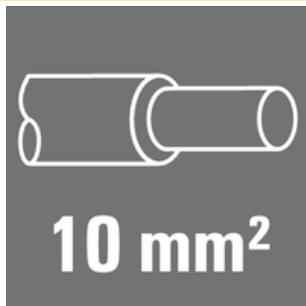
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## Accessories

Type	KWN-M6/-10 45	Version
Order No.	<a href="#">1496820000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306286	
Qty.	100 pc(s).	
Type	KWN-M8/-10 45	Version
Order No.	<a href="#">1496830000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306330	
Qty.	100 pc(s).	

10 mm<sup>2</sup>

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- 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

Type	VPLN/-10	Version
Order No.	<a href="#">1492890000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118302561	
Qty.	100 pc(s).	

120 mm<sup>2</sup>

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- 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

Type	VSTN/120	Version
Order No.	<a href="#">1493110000</a>	cable lug, terminal end, 120 mm <sup>2</sup> , 120 mm <sup>2</sup>
GTIN (EAN)	4050118302813	
Qty.	50 pc(s).	

## ES APG 80 HEX 240

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## Accessories

240 mm<sup>2</sup>

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- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

## General ordering data

Type	KRN-M12/-240	Version
Order No.	<a href="#">1495500000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305142	
Qty.	25 pc(s).	
Type	KRN-M16/-240	Version
Order No.	<a href="#">1495510000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304770	
Qty.	25 pc(s).	
Type	KRN-M10/-240	Version
Order No.	<a href="#">1495490000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305050	
Qty.	25 pc(s).	
Type	KRN-M14/-240	Version
Order No.	<a href="#">1497270000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118306842	
Qty.	25 pc(s).	
Type	KRN-M20/-240	Version
Order No.	<a href="#">1495520000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305104	
Qty.	25 pc(s).	
Type	KRN-M8/-240	Version
Order No.	<a href="#">1495480000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304756	
Qty.	25 pc(s).	

## ES APG 80 HEX 240

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## Accessories

240 mm<sup>2</sup>

**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

Type	KWN-M12/-240 90	Version
Order No.	<a href="#">1494610000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304244	
Qty.	25 pc(s).	
Type	KWN-M20/-240 90	Version
Order No.	<a href="#">1494630000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304138	
Qty.	25 pc(s).	
Type	KWN-M16/-240 90	Version
Order No.	<a href="#">1494620000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304237	
Qty.	25 pc(s).	
Type	KWN-M10/-240 90	Version
Order No.	<a href="#">1494590000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304145	
Qty.	25 pc(s).	

10 mm<sup>2</sup>

**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

Type	KQN-M5/-10	Version
Order No.	<a href="#">1494020000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118303681	
Qty.	100 pc(s).	

## ES APG 80 HEX 240

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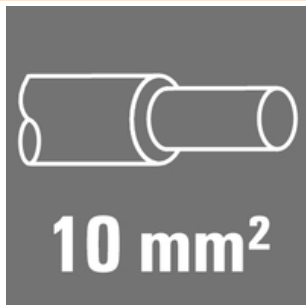
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## Accessories

Type	KQN-M4/-10	Version
Order No.	<a href="#">1494010000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118303810	
Qty.	100 pc(s).	
Type	KQN-M6/-10	Version
Order No.	<a href="#">1494030000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118303483	
Qty.	100 pc(s).	
Type	KQN-M12/-10	Version
Order No.	<a href="#">1494060000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118304008	
Qty.	100 pc(s).	
Type	KQN-M8/-10	Version
Order No.	<a href="#">1494040000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118303803	
Qty.	100 pc(s).	
Type	KQN-M10/-10	Version
Order No.	<a href="#">1494050000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118303711	
Qty.	100 pc(s).	

10 mm<sup>2</sup>

**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

Type	VPN/-10	Version
Order No.	<a href="#">1498620000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118308136	
Qty.	100 pc(s).	

## ES APG 80 HEX 240

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## Accessories

240 mm<sup>2</sup>

**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

Type	KRN-M12/-240 S	Version
Order No.	<a href="#">1494350000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118303933	
Qty.	5 pc(s).	
Type	KRN-M10/-240 S	Version
Order No.	<a href="#">1494340000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304039	
Qty.	5 pc(s).	
Type	KRN-M16/-240 S	Version
Order No.	<a href="#">1494370000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118304046	
Qty.	5 pc(s).	

240 mm<sup>2</sup>

**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

Type	KWN-M12/-240 45	Version
Order No.	<a href="#">1495400000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305227	
Qty.	15 pc(s).	
Type	KWN-M20/-240 45	Version
Order No.	<a href="#">1495420000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305234	
Qty.	15 pc(s).	



## ES APG 80 HEX 240

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## Accessories

Type	KWN-M16/-240 45	Version
Order No.	<a href="#">1495410000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118305203	
Qty.	15 pc(s).	

185 mm<sup>2</sup>

**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

Type	KQN-M10/-185	Version
Order No.	<a href="#">1493420000</a>	cable lug, terminal end, 185 mm <sup>2</sup>
GTIN (EAN)	4050118303322	
Qty.	25 pc(s).	
Type	KQN-M12/-185	Version
Order No.	<a href="#">1493430000</a>	cable lug, terminal end, 185 mm <sup>2</sup>
GTIN (EAN)	4050118303308	
Qty.	25 pc(s).	
Type	KQN-M20/-185	Version
Order No.	<a href="#">1493450000</a>	cable lug, terminal end, 185 mm <sup>2</sup>
GTIN (EAN)	4050118303544	
Qty.	25 pc(s).	
Type	KQN-M16/-185	Version
Order No.	<a href="#">1493440000</a>	cable lug, terminal end, 185 mm <sup>2</sup>
GTIN (EAN)	4050118303414	
Qty.	25 pc(s).	

## ES APG 80 HEX 240

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## Accessories

240 mm<sup>2</sup>

**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

Type	KP-M10/-240	Version
Order No.	<a href="#">1498390000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118307818	
Qty.	20 pc(s).	
Type	KP-M20/-240	Version
Order No.	<a href="#">1498430000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118307832	
Qty.	20 pc(s).	
Type	KP-M12/-240	Version
Order No.	<a href="#">1498410000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118307672	
Qty.	20 pc(s).	
Type	KP-M14/-240	Version
Order No.	<a href="#">1498530000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118307689	
Qty.	20 pc(s).	
Type	KP-M16/-240	Version
Order No.	<a href="#">1498420000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118307825	
Qty.	20 pc(s).	

## ES APG 80 HEX 240

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## Accessories

120 mm<sup>2</sup>

**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

Type	VSTN/-120	Version
Order No.	<a href="#">1494780000</a>	cable lug, terminal end, 120 mm <sup>2</sup> , 120 mm <sup>2</sup>
GTIN (EAN)	4050118304282	
Qty.	25 pc(s).	

150 mm<sup>2</sup>

**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

Type	KRN-M8/-150	Version
Order No.	<a href="#">1495700000</a>	cable lug, terminal end, 150 mm <sup>2</sup>
GTIN (EAN)	4050118305333	
Qty.	25 pc(s).	
Type	KRN-M14/-150	Version
Order No.	<a href="#">1495810000</a>	cable lug, terminal end, 150 mm <sup>2</sup>
GTIN (EAN)	4050118305500	
Qty.	25 pc(s).	
Type	KRN-M12/-150	Version
Order No.	<a href="#">1495720000</a>	cable lug, terminal end, 150 mm <sup>2</sup>
GTIN (EAN)	4050118305296	
Qty.	25 pc(s).	
Type	KRN-M10/-150	Version
Order No.	<a href="#">1495710000</a>	cable lug, terminal end, 150 mm <sup>2</sup>
GTIN (EAN)	4050118305159	
Qty.	25 pc(s).	

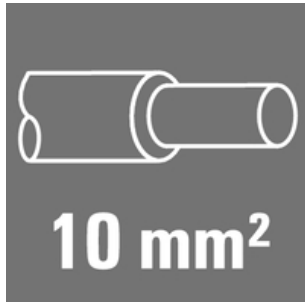
## ES APG 80 HEX 240

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## Accessories

### 10 mm<sup>2</sup>



**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

Type	VSTN/-10	Version
Order No.	<a href="#">1497130000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118306491	
Qty.	50 pc(s).	

### 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	APG 80	Version
Order No.	<a href="#">1502390000</a>	6mm <sup>2</sup> , 400mm <sup>2</sup>
GTIN (EAN)	4050118310627	
Qty.	1 pc(s).	

## ES APG 80 HEX 240

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## Accessories

240 mm<sup>2</sup>

**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

Type	VPN/-240	Version
Order No.	<a href="#">1498730000</a>	cable lug, terminal end, 240 mm <sup>2</sup> , 240 mm <sup>2</sup>
GTIN (EAN)	4050118308044	
Qty.	15 pc(s).	

240 mm<sup>2</sup>

**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

Type	KWPN-M12/-240 90	Version
Order No.	<a href="#">1496730000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118306279	
Qty.	20 pc(s).	
Type	KWPN-M20/-240 90	Version
Order No.	<a href="#">1496750000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118306095	
Qty.	20 pc(s).	
Type	KWPN-M16/-240 90	Version
Order No.	<a href="#">1496740000</a>	cable lug, terminal end, 240 mm <sup>2</sup>
GTIN (EAN)	4050118306507	
Qty.	20 pc(s).	

## ES APG 80 HEX 240

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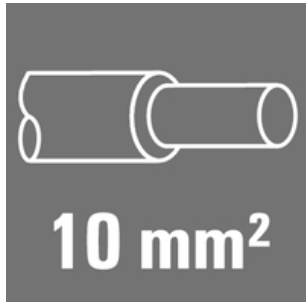
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## Accessories

10 mm<sup>2</sup>

**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

Type	KSN/-10	Version
Order No.	<a href="#">1492780000</a>	cable lug, terminal end, 10 mm <sup>2</sup> , 10 mm <sup>2</sup>
GTIN (EAN)	4050118302806	
Qty.	100 pc(s).	

120 mm<sup>2</sup>

**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

Type	KRN-M6/-120 S	Version
Order No.	<a href="#">1494410000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304060	
Qty.	10 pc(s).	
Type	KRN-M10/-120 S	Version
Order No.	<a href="#">1494920000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304626	
Qty.	10 pc(s).	
Type	KRN-M8/-120 S	Version
Order No.	<a href="#">1494420000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304077	
Qty.	10 pc(s).	
Type	KRN-M12/-120 S	Version
Order No.	<a href="#">1494930000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118304602	
Qty.	10 pc(s).	

## ES APG 80 HEX 240

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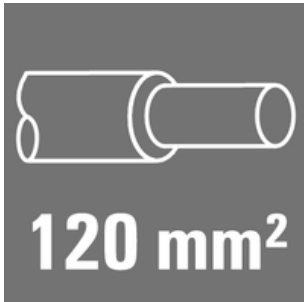
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## Accessories

120 mm<sup>2</sup>

**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

Type	KWPN-M12/-120 90	Version
Order No.	<a href="#">1497760000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307184	
Qty.	25 pc(s).	
Type	KWPN-M20/-120 90	Version
Order No.	<a href="#">1497780000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307191	
Qty.	25 pc(s).	
Type	KWPN-M16/120 90	Version
Order No.	<a href="#">1497770000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307030	
Qty.	25 pc(s).	
Type	KWPN-M10/-120 90	Version
Order No.	<a href="#">1497750000</a>	cable lug, terminal end, 120 mm <sup>2</sup>
GTIN (EAN)	4050118307061	
Qty.	25 pc(s).	

10 mm<sup>2</sup>

**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

Type	KRN-M5/-10	Version
Order No.	<a href="#">1496910000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306378	
Qty.	100 pc(s).	

## ES APG 80 HEX 240

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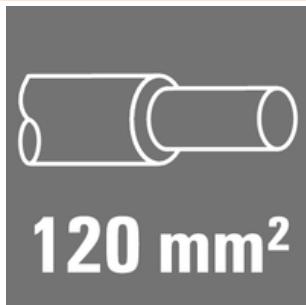
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## Accessories

Type	KRN-M10/-10	Version
Order No.	<a href="#">1496940000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306521	
Qty.	100 pc(s).	
Type	KRN-M6/-10	Version
Order No.	<a href="#">1496920000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306439	
Qty.	100 pc(s).	
Type	KRN-M8/-10	Version
Order No.	<a href="#">1496930000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306552	
Qty.	100 pc(s).	
Type	KRN-M12/-10	Version
Order No.	<a href="#">1496950000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306453	
Qty.	100 pc(s).	
Type	KRN-M4/-10	Version
Order No.	<a href="#">1496900000</a>	cable lug, terminal end, 10 mm <sup>2</sup>
GTIN (EAN)	4050118306293	
Qty.	100 pc(s).	

120 mm<sup>2</sup>

**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

Type	VPN/-120	Version
Order No.	<a href="#">1498690000</a>	cable lug, terminal end, 120 mm <sup>2</sup> , 120 mm <sup>2</sup>
GTIN (EAN)	4050118307795	
Qty.	25 pc(s).	