

**HDC HP 550 F 50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

**General ordering data**

Version	HDC insert, Female, Crimp connection, Size: 550
Order No.	<a href="#">1177100000</a>
Type	HDC HP 550 F 50
GTIN (EAN)	4032248970919
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	98.3 mm	Length (inches)	3.87 inch
Diameter	43 mm	Net weight	203 g

## Temperatures

Limit temperature	-50 °C ... 120 °C
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## General data

BG	550	Colour	black
Conductor cross-section	50 mm <sup>2</sup>	Free from halogens	false
Insulating material	PA GF	Insulation strength	10 <sup>10</sup> Ω
Material	Copper alloy	Operating voltage, max. (total temperature=60°C)	3,000 V
Pollution severity	PD 2 (PD 3)	Rated impulse voltage (DIN EN 61984)	15 kV
Series	HighPower	Size	550
Surface finish	Silver passivated	Type	Female
Type of connection	Crimp connection	UL 94 flammability rating	V-0
Volume resistance	≤0.1 mΩ		

## Power contact

Rated impulse voltage (DIN EN 61984), power contact	15 kV	Stripping length, performance contact	30 mm
Type of connection, power contact	Crimp connection		

## Version

BG	550	Conductor cross-section, max.	50 mm <sup>2</sup>
Conductor cross-section, min.	50 mm <sup>2</sup>	Material	Copper alloy
Size	550	Stripping length, rated connection	30 mm
Surface finish	Silver passivated	Type of connection	Crimp connection
Volume resistance	≤0.1 mΩ	Wire connection cross section AWG, max.	AWG 1

## Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ECLASS 9.0	27-44-02-04	ECLASS 9.1	27-44-02-04
ECLASS 10.0	27-44-02-04	ECLASS 11.0	27-44-02-04
ECLASS 12.0	27-44-02-04	ECLASS 13.0	27-44-02-04

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

## Approvals

ROHS	Conform
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## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">1487780000_00_11_13_BPZ_HDC_HP250-550_web.pdf</a> <a href="#">BPZL_F_CSA_Zulassung</a> <a href="#">BPZ_HDC_HP_ungeschirmt</a> <a href="#">BZP_HDC_HP_MOAL_550A</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****HighPower spare parts****General ordering data**

Type	HDC HP CLAMP 550A
Order No.	<a href="#">2447780000</a>
GTIN (EAN)	4050118461671
Qty.	25 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 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>	Pressing tools, Tools, Pressing tool, 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp,
GTIN (EAN)	4050118468434	WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
Qty.	1 pc(s).	

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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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- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

**General ordering data**

Type	ES EPG/HPG 60 HEX 185	Version
Order No.	<a href="#">2505250000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519617	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 25	Version
Order No.	<a href="#">2505180000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519570	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 150	Version
Order No.	<a href="#">2505240000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519631	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 35	Version
Order No.	<a href="#">2505190000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519587	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 70	Version
Order No.	<a href="#">2505210000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519594	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 50	Version
Order No.	<a href="#">2505200000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519600	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 120	Version
Order No.	<a href="#">2505230000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519624	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 240	Version
Order No.	<a href="#">2505260000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519648	
Qty.	1 pc(s).	

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Type	ES EPG/HPG 60 HEX 95	Version
Order No.	<a href="#">2505220000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519563	
Qty.	1 pc(s).	