

**HDC HP 550 F 70****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="#">1268820000</a>
Type	HDC HP 550 F 70
GTIN (EAN)	4050118057584
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	204 g

## Temperatures

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

BG	550	Colour	black
Conductor cross-section	70 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
Plugging cycles	≥ 500	Pollution severity	PD 2 (PD 3)
Rated current acc. to DIN EN 61984 (ambient temperature=20°C)	250 A	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.	70 mm <sup>2</sup>
Conductor cross-section, min.	70 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		

## 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
ECLASS 14.0	27-44-02-04		

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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## Product information

Depending on the intended operation, internally generated voltages can superimpose the working voltage and contain corresponding peaks. It is imperative to ensure that these peak voltages do not exceed the rated voltage. For applications outside of this specification, please contact us.

**Approvals**

## ROHS

Conform

**Downloads**

## Engineering Data

[CAD data – STEP](#)

## User Documentation

[1487780000\\_00\\_11\\_13\\_BPZ\\_HDC\\_HP250-550\\_web.pdf](#)[BPZL\\_F\\_CSA\\_Zulassung](#)[BPZ\\_HDC\\_HP\\_ungeschirmt](#)[BZP\\_HDC\\_HP\\_MOAL\\_550A](#)

## Catalogues

[Catalogues in PDF-format](#)

## Brochures

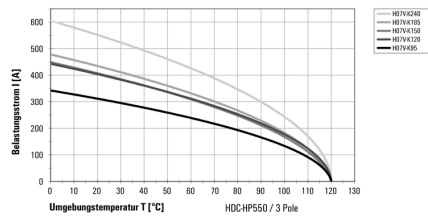
[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

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## Drawings



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## Accessories

## ... 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 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 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 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 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 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 240	Version
Order No.	<a href="#">2505260000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519648	
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 120	Version
Order No.	<a href="#">2505230000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519624	
Qty.	1 pc(s).	

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## Accessories

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).	

## Tools

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- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
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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	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).	

## HighPower spare parts



## General ordering data

Type	HDC HP CLAMP 550A
Order No.	<a href="#">2447780000</a>
GTIN (EAN)	4050118461671
Qty.	25 pc(s).