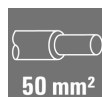


**HDC HP 250 F 50****Weidmüller Interface GmbH & Co. KG**

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, 3000 V, 250 A, Crimp connection, Size: 250
Order No.	<a href="#">1079740000</a>
Type	HDC HP 250 F 50
GTIN (EAN)	4032248841851
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	83.2 mm	Length (inches)	3.276 inch
Diameter	32 mm	Net weight	106 g

## Temperatures

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

BG	250	Colour	black
Conductor cross-section	50 mm <sup>2</sup>	Free from halogens	false
Insulating material	Polyamide with fibre optic	Insulation strength	10 <sup>10</sup> Ω
Material	Copper alloy	Pollution severity	PD 2 (PD 3)
Rated current (DIN EN 61984)	250 A	Rated impulse voltage (DIN EN 61984)	15 kV
Rated voltage (DIN EN 61984)	3,000 V	Series	HighPower
Size	250	Surface finish	Silver passivated
Type	Female	Type of connection	Crimp connection
UL 94 flammability rating	V-0	Volume resistance	≤0.1 mΩ

## Connection data PE

Connection type PE	Crimp connection, Screw connection
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## Power contact

Rated current (DIN EN 61984), power contact	250 A	Rated impulse voltage (DIN EN 61984), power contact	15 kV
Rated voltage (DIN EN 61984), power contact	3,000 V	Stripping length, performance contact	24 mm
Type of connection, power contact	Crimp connection		

## Version

BG	250	Conductor cross-section, max.	50 mm <sup>2</sup>
Conductor cross-section, min.	50 mm <sup>2</sup>	Material	Copper alloy
Size	250	Stripping length, rated connection	24 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

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

ROHS

Conform

**Downloads**Approval/Certificate/Document of Con-  
formity[Manufacturer's declaration](#)

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](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

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

## HDC HP 250 F 50

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# Drawings



## HDC HP 250 F 50

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D-32758 Detmold

Germany

www.weidmueller.com

## 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>	Hexagonal crimp
GTIN (EAN)	4050118309492	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 95	Version
Order No.	<a href="#">1500980000</a>	Hexagonal crimp
GTIN (EAN)	4050118309348	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 25/50	Version
Order No.	<a href="#">1500970000</a>	Hexagonal crimp
GTIN (EAN)	4050118309195	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 10/70	Version
Order No.	<a href="#">1500940000</a>	Hexagonal crimp
GTIN (EAN)	4050118309522	
Qty.	1 pc(s).	

**HighPower spare parts****General ordering data**

Type	HDC HP CLAMP 250A
Order No.	<a href="#">2778940000</a>
GTIN (EAN)	4064675047964
Qty.	25 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Tools****Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts**

- extremely fast processing thanks to hydraulic support
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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 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 pc(s).	