

**HDC HP 250 M 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, Pin, 3000 V, 250 A, Crimp connection, Size: 250
Order No.	<a href="#">1119080000</a>
Type	HDC HP 250 M 50
GTIN (EAN)	4032248900343
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	82.6 mm	Length (inches)	3.252 inch
Diameter	32 mm	Net weight	122 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	PA GF	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	Pin	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
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**Downloads**

Approval/Certificate/Document of Con-	
formity	<a href="#">Manufacturer's declaration</a>

Engineering Data	<a href="#">CAD data – STEP</a>
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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>

Catalogues	<a href="#">Catalogues in PDF-format</a>
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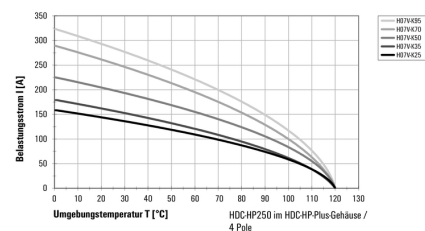
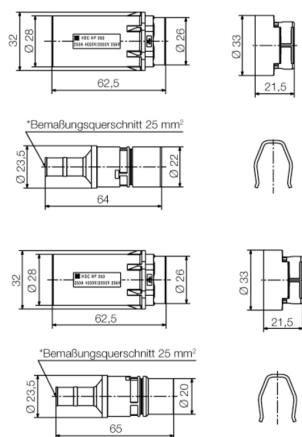
Brochures	<a href="#">FL FIELDWIRING EN</a>
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## Drawings



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## 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 25/50	Version
Order No.	<a href="#">1500970000</a>	Hexagonal crimp
GTIN (EAN)	4050118309195	
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 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**

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**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).	