

**HDC HP 250 F 50 PE****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: 250
Order No.	<a href="#">1220840000</a>
Type	HDC HP 250 F 50 PE
GTIN (EAN)	4050118003901
Qty.	1 pc(s).

## HDC HP 250 F 50 PE

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Length	83.2 mm	Length (inches)	3.276 inch
Diameter	32 mm	Net weight	111.91 g

## Temperatures

Limit temperature	-50 °C ... 120 °C
-------------------	-------------------

## 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	Operating voltage, max. (total temperature=60°C)	2,300 V
Pollution severity	PD 2 (PD 3)	Rated impulse voltage (DIN EN 61984)	15 kV
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
--------------------	------------------

## Power contact

Rated impulse voltage (DIN EN 61984), power contact	15 kV	Stripping length, performance contact	24 mm
---	-------	---------------------------------------	-------

## 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

## Approvals

ROHS	Conform
------	---------

Creation date July 5, 2024 3:18:11 AM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

## HDC HP 250 F 50 PE

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

# Technical data

## 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](#)

[BPZ\\_HDC\\_HP\\_ungeschirmt](#)

[BZP\\_HDC\\_HP\\_MOAL\\_250A](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

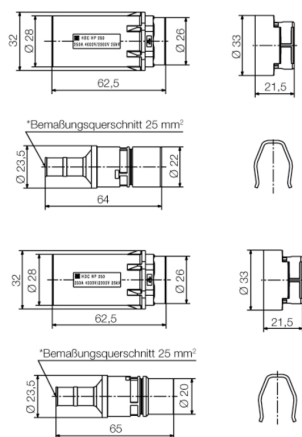
[FL FIELDWIRING EN](#)

## HDC HP 250 F 50 PE

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

## Drawings



## HDC HP 250 F 50 PE

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## HighPower spare parts



## General ordering data

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

## HDC HP 250 F 50 PE

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

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 10/70	Version
Order No.	<a href="#">1500940000</a>	Hexagonal crimp
GTIN (EAN)	4050118309522	
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 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).	