

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Crimp connection, Size: 250
Order No.	1220850000
Type	HDC HP 250 M 50 PE
GTIN (EAN)	4050118003918
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	126.41 g

Temperatures

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

BG	250	Colour	black
Conductor cross-section	50 mm ²	Free from halogens	false
Insulating material	PA GF	Insulation strength	10 ¹⁰ 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	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
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Power contact

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

BG	250	Conductor cross-section, max.	50 mm ²
Conductor cross-section, min.	50 mm ²	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
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Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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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](#)

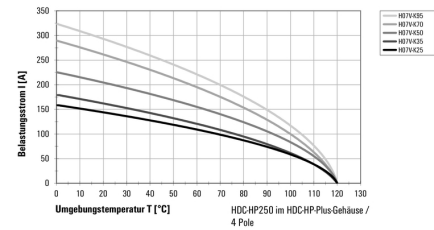
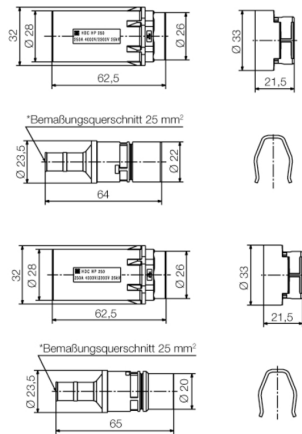
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Drawings



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www.weidmueller.com**Accessories****HighPower spare parts****General ordering data**

Type	HDC HP CLAMP 250A
Order No.	2778940000
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 mm²
- 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.	1500830000	Pressing tool, 6mm ² , 150mm ² , Hexagonal crimp, WM crimp, Indent
GTIN (EAN)	4050118309317	crimp, Trapezoidal crimp, Oval crimping
Qty.	1 pc(s).	

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Accessories

... for compression cable lugs (acc. to DIN 46235)

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- large processing range up to 300 mm²
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
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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	ES EPG 45 HEX 95	Version
Order No.	1500980000	Hexagonal crimp
GTIN (EAN)	4050118309348	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 25/50	Version
Order No.	1500970000	Hexagonal crimp
GTIN (EAN)	4050118309195	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 10/70	Version
Order No.	1500940000	Hexagonal crimp
GTIN (EAN)	4050118309522	
Qty.	1 pc(s).	
Type	ES EPG 45 HEX 16/35	Version
Order No.	1500950000	Hexagonal crimp
GTIN (EAN)	4050118309492	
Qty.	1 pc(s).	