

**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, Male, Crimp connection, Installation size: 250
Order No.	<a href="#">1220850000</a>
Type	HDC HP 250 M 50 PE
GTIN (EAN)	4050118003918
Qty.	1 items

## HDC HP 250 M 50 PE

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## Technical data

## Approvals

ROHS	Conform
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## 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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## Environmental Product Compliance

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

## General data

Plugging cycles, silver	≥ 500	Type of connection	Crimp connection
Installation size	250	UL 94 flammability rating	V-0
Volume resistance	≤0.1 mΩ	Colour	black
Insulation resistance	1010 Ω	Insulating material	PA GF
Conductor cross-section	50 mm <sup>2</sup>	Surface finish	Silver passivated
Plugging cycles	≥ 500	Type	Male
Pollution severity	PD 2 (PD 3)	Basic material	Copper alloy
Series	HighPower	Rated impulse voltage (DIN EN 61984)	15 kV
Operating voltage, max. (total temperature=60°C)	2300 V	Free from halogens	false
BG	250		

## Connection data PE

Connection type PE	Crimp connection
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## Power contact

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

Stripping length, rated connection	24 mm	Type of connection	Crimp connection
Installation size	250	Volume resistance	≤0.1 mΩ
Conductor cross-section, max.	50 mm <sup>2</sup>	Conductor cross-section, min.	50 mm <sup>2</sup>
Surface finish	Silver passivated	Basic material	Copper alloy
BG	250		

## Important note

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. The rated voltage of 3.0 kV must be reduced by 20% at operating temperatures above 110°C.
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## Technical data

### Classifications

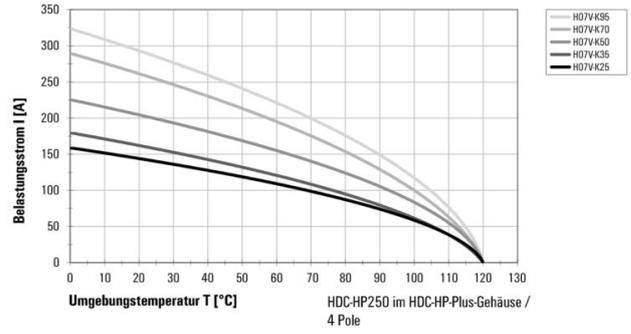
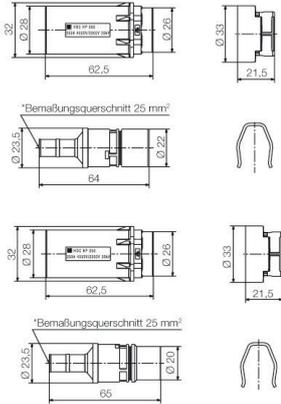
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-04
ECLASS 15.0	27-44-02-04		

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Drawings

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## Accessories

### HighPower spare parts



#### General ordering data

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

### 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>		
GTIN (EAN)	4050118309317		
Qty.	1 ST		

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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

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- 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 25/50	Version
Order No.	<a href="#">1500970000</a>	50mm <sup>2</sup> , Hexagonal crimp
GTIN (EAN)	4050118309195	
Qty.	1 ST	

## 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 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- 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

## General ordering data

Type	APG 80	Version
Order No.	<a href="#">2853270000</a>	6mm <sup>2</sup> , 400mm <sup>2</sup>
GTIN (EAN)	4064675477020	
Qty.	1 ST	

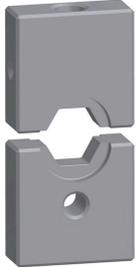
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## Accessories

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



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- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
  - 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

## General ordering data

Type	ES APG 80 HEX 50	Version	
Order No.	<a href="#">1502670000</a>		50mm <sup>2</sup> , Hexagonal crimp
GTIN (EAN)	4050118310559		
Qty.	1 ST		