

**HDC insert  
HDC HP 250 F 50**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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Germany  
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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**

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

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Catalogue status 03.04.2020 / We reserve the right to make technical changes.

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**Technical data**
**Dimensions and weights**

Length	83.2 mm	Length (inches)	3.276 inch
Net weight	107.666 g	Diameter	32 mm

**Temperatures**

Limit temperature	-50 °C ... 120 °C
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**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**General data**

Conductor cross-section	50 mm <sup>2</sup>	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
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**

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
eClass 9.0	27-44-02-04	eClass 9.1	27-44-02-04
eClass 10.0	27-44-02-04		

**Data sheet****HDC insert  
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**Technical data****Approvals**

Approvals



ROHS

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**Downloads**

Brochure/Catalogue [CAT 3 HDC 17/18 EN](#)  
[FL FIELDWIRING EN](#)

Engineering Data [EPLAN](#)

Engineering Data [STEP](#)

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**Drawings**

