

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

Klingenbergstraße 16

D-32758 Detmold

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 PE
Order No.	1220840000
Version	HDC insert, Female, 3000 V, 250 A, Crimp connection, Size: 250
GTIN (EAN)	4050118003901
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	83.2 mm	Length (inches)	3.276 inch
Net weight	111.91 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 ²	Insulating material	Polyamide with fibre optic
Insulation strength	10 ¹⁰ 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
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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

Version

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 4.0	EC000437	ETIM 5.0	EC000437
ETIM 6.0	EC000796	eClass 6.2	27-14-34-11
eClass 7.1	27-44-02-05	eClass 8.1	27-44-02-05
eClass 9.0	27-44-02-04	eClass 9.1	27-44-02-04

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN
Engineering Data	STEP

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Drawings

