

HDC HP 250 F 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, Female, 3000 V, 250 A, Crimp connection, Size: 250
Order No.	1220840000
Type	HDC HP 250 F 50 PE
GTIN (EAN)	4050118003901
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

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 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	ECLASS 11.0	27-44-02-04

Approvals

Approvals



ROHS	Conform
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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[Manufacturer's declaration](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

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Drawings

