

HDC HP 550 F 50**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, 550 A, Crimp connection, Size: 550
Order No.	1177100000
Type	HDC HP 550 F 50
GTIN (EAN)	4032248970919
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Diameter	43 mm	Length	98.3 mm
Length (inches)	3.87 inch	Net weight	203.46 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)	550 A
Rated impulse voltage (DIN EN 61984)	15 kV	Rated voltage (DIN EN 61984)	3,000 V
Series	HighPower	Size	550
Surface finish	Silver passivated	Type	Female
UL 94 flammability rating	V-0	Volume resistance	≤0.1 mΩ

Power contact

Rated current (DIN EN 61984), power contact	550 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	30 mm
Type of connection, power contact	Crimp connection		

Version

Conductor cross-section, max.	50 mm ²	Conductor cross-section, min.	50 mm ²
Material	Copper alloy	Size	550
Stripping length, rated connection	30 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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Technical data

Downloads

Engineering Data

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Engineering Data

[EPLAN](#)

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Drawings

