

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).

Creation date March 7, 2023 5:59:06 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Length	98.3 mm	Length (inches)	3.87 inch
Diameter	43 mm	Net weight	203 g

Temperatures

Limit temperature	-50 °C ... 120 °C
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General data

BG	550	Conductor cross-section	50 mm ²
Free from halogens	false	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

BG	550	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
ETIM 8.0	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	ECLASS 12.0	27-44-02-04

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

