

HDC HP 550 F 185**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, Crimp connection, Size: 550
Order No.	1079840000
Type	HDC HP 550 F 185
GTIN (EAN)	4032248841905
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	98.3 mm	Length (inches)	3.87 inch
Diameter	43 mm	Net weight	228 g

Temperatures

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

BG	550	Colour	black
Conductor cross-section	185 mm ²	Free from halogens	false
Insulating material	PA GF	Insulation strength	10 ¹⁰ Ω
Material	Copper alloy	Operating voltage, max. (total temperature=60°C)	3,000 V
Plugging cycles	≥ 500	Pollution severity	PD 2 (PD 3)
Rated current acc. to DIN EN 61984 (ambient temperature=20°C)	430 A	Rated impulse voltage (DIN EN 61984)	15 kV
Series	HighPower	Size	550
Surface finish	Silver passivated	Type	Female
Type of connection	Crimp connection	UL 94 flammability rating	V-0
Volume resistance	≤0.1 mΩ		

Power contact

Rated impulse voltage (DIN EN 61984), power contact	15 kV	Stripping length, performance contact	30 mm
Type of connection, power contact	Crimp connection		

Version

BG	550	Conductor cross-section, max.	185 mm ²
Conductor cross-section, min.	185 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		

Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	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
ECLASS 13.0	27-44-02-04	ECLASS 14.0	27-44-02-04
ECLASS 15.0	27-44-02-04		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	6eabd5ae-2d6b-409e-8bdf-87c27ee10e40

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Product information

Depending on the intended operation, internally generated voltages can superimpose the working voltage and contain corresponding peaks. It is imperative to ensure that these peak voltages do not exceed the rated voltage. For applications outside of this specification, please contact us.

Approvals

ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

User Documentation

[1487780000_00_11_13_BPZ_HDC_HP250-550_web.pdf](#)[BPZL_F_CSA_Zulassung](#)[BPZ_HDC_HP_ungeschirmt](#)[BZP_HDC_HP_MOAL_550A](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

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Drawings

