

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, 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

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	Colour	black
Conductor cross-section	50 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
Pollution severity	PD 2 (PD 3)	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.	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	ETIM 9.0	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

Environmental Product Compliance

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

Approvals

ROHS	Conform
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Technical data

Downloads

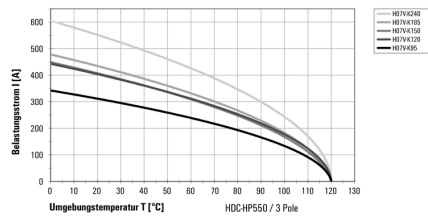
Engineering Data	CAD data – STEP
User Documentation	1487780000_00_11_13_BPZ_HDC_HP250-550_web.pdf BPZL_F_CSA_Zulassung BPZ_HDC_HP_ungeschirmt BZP_HDC_HP_MOAL_550A
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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www.weidmueller.com**Accessories****HighPower spare parts****General ordering data**

Type	HDC HP CLAMP 550A
Order No.	2447780000
GTIN (EAN)	4050118461671
Qty.	25 pc(s).

Tools**Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts**

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm²
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

Type	EPG 60	Version
Order No.	2453810000	Pressing tools, Tools, Pressing tool, 6mm ² , 300mm ² , Hexagonal crimp,
GTIN (EAN)	4050118468434	WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
Qty.	1 pc(s).	

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Accessories

... for compression cable lugs

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- automatic pressure limitation and monitoring via pressure sensor
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- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

Type	ES EPG/HPG 60 HEX 240	Version
Order No.	2505260000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519648	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 25	Version
Order No.	2505180000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519570	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 120	Version
Order No.	2505230000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519624	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 50	Version
Order No.	2505200000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519600	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 70	Version
Order No.	2505210000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519594	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 150	Version
Order No.	2505240000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519631	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 185	Version
Order No.	2505250000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519617	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 95	Version
Order No.	2505220000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519563	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories**

Type	ES EPG/HPG 60 HEX 35	Version
Order No.	2505190000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519587	
Qty.	1 pc(s).	