

HDC HP 550 F 70**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: 550
Order No.	1268820000
Type	HDC HP 550 F 70
GTIN (EAN)	4050118057584
Qty.	1 pc(s).

HDC HP 550 F 70

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Length	98.3 mm	Length (inches)	3.87 inch
Diameter	43 mm	Net weight	204 g

Temperatures

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

General data

BG	550	Colour	black
Conductor cross-section	70 mm ²	Free from halogens	false
Insulating material	PA GF	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	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 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	30 mm
Type of connection, power contact	Crimp connection		

Version

BG	550	Conductor cross-section, max.	70 mm ²
Conductor cross-section, min.	70 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 2/0

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
------	---------

HDC HP 550 F 70

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

HDC HP 550 F 70

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



HDC HP 550 F 70

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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).	

HDC HP 550 F 70

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

... for compression cable lugs

**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	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 35	Version
Order No.	2505190000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519587	
Qty.	1 pc(s).	
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 150	Version
Order No.	2505240000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519631	
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 95	Version
Order No.	2505220000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519563	
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).	

HDC HP 550 F 70**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories**

Type	ES EPG/HPG 60 HEX 185	Version
Order No.	2505250000	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519617	
Qty.	1 pc(s).	