

HDC HP 550 M 240

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, Pin, Crimp connection, Size: 550
Order No.	1120590000
Type	HDC HP 550 M 240
GTIN (EAN)	4032248901739
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	91 mm	Length (inches)	3.583 inch
Diameter	43 mm	Net weight	234 g

Temperatures

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

BG	550	Colour	black
Conductor cross-section	240 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)	550 A	Rated impulse voltage (DIN EN 61984)	15 kV
Series	HighPower	Size	550
Surface finish	Silver passivated	Type	Pin
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.	240 mm ²
Conductor cross-section, min.	240 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		

Approvals

ROHS	Conform
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Technical data**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

Important note

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.
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Downloads

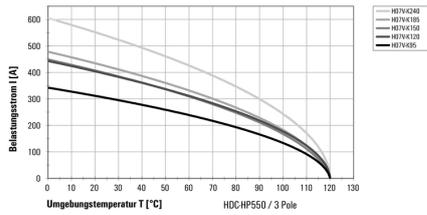
Engineering Data	CAD data – STEP CAD data – DWG CAD data – DXF
Product Change Notification	PCN Product Change Notification material change insulation sleeve HDC HP 550 PCN Product Change Notification Materialwechsel Isolierhülse HDC HP 550
User Documentation	1487780000_00_11_13_BPZ_HDC_HP250-550_web.pdf 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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Accessories

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).		

... for compression cable lugs



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General ordering data

Type	ES EPG/HPG 60 HEX 35	Version	
Order No.	2505190000	Crimping tool insert, 35mm ² , Hexagonal crimp	
GTIN (EAN)	4050118519587		
Qty.	1 pc(s).		
Type	ES EPG/HPG 60 HEX 95	Version	
Order No.	2505220000	Crimping tool insert, 95mm ² , Hexagonal crimp	
GTIN (EAN)	4050118519563		
Qty.	1 pc(s).		
Type	ES EPG/HPG 60 HEX 120	Version	
Order No.	2505230000	Crimping tool insert, 120mm ² , Hexagonal crimp	
GTIN (EAN)	4050118519624		
Qty.	1 pc(s).		

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Accessories

Type	ES EPG/HPG 60 HEX 150	Version
Order No.	2505240000	Crimping tool insert, 150mm ² , Hexagonal crimp
GTIN (EAN)	4050118519631	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 185	Version
Order No.	2505250000	Crimping tool insert, 185mm ² , Hexagonal crimp
GTIN (EAN)	4050118519617	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 25	Version
Order No.	2505180000	Crimping tool insert, 25mm ² , Hexagonal crimp
GTIN (EAN)	4050118519570	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 50	Version
Order No.	2505200000	Crimping tool insert, 50mm ² , Hexagonal crimp
GTIN (EAN)	4050118519600	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 70	Version
Order No.	2505210000	Crimping tool insert, 70mm ² , Hexagonal crimp
GTIN (EAN)	4050118519594	
Qty.	1 pc(s).	
Type	ES EPG/HPG 60 HEX 240	Version
Order No.	2505260000	Crimping tool insert, 240mm ² , Hexagonal crimp
GTIN (EAN)	4050118519648	
Qty.	1 pc(s).	

HighPower spare parts



General ordering data

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