

**HDC HP550 ABGH F185****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://www.weidmueller.com)

The protective housing is manufactured from seawater-resistant aluminium using pressure die casting. High standards of water and dust protection, as well as particularly high impact resistance, are the hallmarks of this housing series. A sophisticated two-stage surface coating ensures years of reliability. All screws, crimp contacts and other exterior accessory parts are made of corrosion-resistant stainless steel.

**General ordering data**

Version	HDC enclosures, Female, 1500 V, 550 A, Number of poles: 1, Crimp connection, Installation size: 550
Order No.	<a href="#">2486380000</a>
Type	HDC HP550 ABGH F185
GTIN (EAN)	4050118497229
Qty.	1 items

## HDC HP550 ABGH F185

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## Technical data

## Approvals

RoHS	Conform
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## Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	152 mm	Height (inches)	5.9842 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	432.59 g		

## Temperatures

Limit temperature	-40 °C ... 120 °C
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## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	d447edfa-0214-4f34-b5ba-82eae491b46a

## Dimensions

Width	60 mm
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## General data

Number of poles	1	Type of connection	Crimp connection
Design of housing	Bulkhead housing	Installation size	550
UL 94 flammability rating	None	Colour	black (similar to RAL 9005)
Conductor cross-section	185 mm <sup>2</sup>	Surface finish	Powder coating
Type	Female	Series	HighPower
Rated voltage (DIN EN 61984)	1500 V	Rated impulse voltage (DIN EN 61984)	10 kV
Rated current (DIN EN 61984)	550 A	Free from halogens	false
BG	550	Protection degree	IP68, in plugged condition

## General data

Type of connection	Crimp connection	Version insert	HighPower 550 A
Colour	black (similar to RAL 9005)	Conductor cross-section, max.	185 mm <sup>2</sup>
Surface finish	Powder coating	Type	Female
Enclosure material	Aluminium diecast	Series	HighPower
Cross-section for connected wire	185 mm <sup>2</sup>	Material of gasket	Silicone rubber
Material of contact	Copper alloy		

## 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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**Technical data****Classifications**

ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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**Accessories****Housings**

The protective housing is manufactured from seawater-resistant aluminium using pressure die casting.

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A sophisticated two-stage surface coating ensures years of reliability.

All screws, crimp contacts and other exterior accessory parts are made of corrosion-resistant stainless steel.

**General ordering data**

Type	HDC HP ABGH COVER	Version
Order No.	<a href="#">1473470000</a>	HDC enclosures, Cover
GTIN (EAN)	4050118279917	
Qty.	1 ST	