

HDC HP550 ABGH F185**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Size: 550
Order No.	2486380000
Type	HDC HP550 ABGH F185
GTIN (EAN)	4050118497229
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	152 mm	Height (inches)	5.984 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	432.59 g		

Temperatures

Limit temperature	-40 °C ... 120 °C
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Dimensions

Width	60 mm
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General data

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

Classifications

ETIM 6.0	EC000437	ETIM 7.0	EC000437
ETIM 8.0	EC000437	ETIM 9.0	EC000437
ETIM 10.0	EC000437	ECLASS 9.0	27-44-02-02
ECLASS 9.1	27-44-02-02	ECLASS 10.0	27-44-02-02
ECLASS 11.0	27-44-02-02	ECLASS 12.0	27-44-02-02
ECLASS 13.0	27-44-02-02	ECLASS 14.0	27-44-02-02
ECLASS 15.0	27-44-02-02		

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

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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Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
User Documentation	59000_HDC_HP550_ABGH_BG_00_BLATT.pdf
Catalogues	Catalogues in PDF-format

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www.weidmueller.com**Accessories****Housings**

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General ordering data

Type	HDC HP ABGH COVER	Version
Order No.	1473470000	HDC enclosures, Cover
GTIN (EAN)	4050118279917	
Qty.	1 pc(s).	