

HDC HP550 ABGH 1P**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, 1500 V, 550 A, Number of poles: 1, Size: 550
Order No.	1535420000
Type	HDC HP550 ABGH 1P
GTIN (EAN)	4050118339444
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	232.06 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)	Enclosure material	Aluminium diecast
Seal material	Silicone rubber	Series	HighPower
Surface finish	Powder coating		

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 without exemption
REACH SVHC	No SVHC above 0.1 wt%

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
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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Accessories

Crimp contacts



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

Type	HDC HP 550 F 240	Version
Order No.	1120600000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248901609	
Qty.	1 pc(s).	
Type	HDC HP 550 F 95	Version
Order No.	1079810000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248841707	
Qty.	1 pc(s).	
Type	HDC HP 550 F 150	Version
Order No.	1079830000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248842018	
Qty.	1 pc(s).	
Type	HDC HP 550 F 50	Version
Order No.	1177100000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248970919	
Qty.	1 pc(s).	
Type	HDC HP 550 F 185	Version
Order No.	1079840000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248841905	
Qty.	1 pc(s).	
Type	HDC HP 550 F 120	Version
Order No.	1079820000	HDC insert, Female, Crimp connection, Size: 550
GTIN (EAN)	4032248841806	
Qty.	1 pc(s).	

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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).	