

## 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, Installation size: 550
Order No.	<a href="#">1535420000</a>
Type	HDC HP550 ABGH 1P
GTIN (EAN)	4050118339444
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2026-02-26T00:00:00+01:00

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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	232.06 g		

### Temperatures

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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

### Dimensions

Width	60 mm
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### General data

Number of poles	1	Design of housing	Bulkhead housing
Installation size	550	UL 94 flammability rating	V-0
Colour	black (similar to RAL 9005)	Housing main material	diecast aluminium
Surface finish	Powder coating	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
EMC housings	Yes	BG	550
Protection degree	IP68, in plugged condition		

### General data

Colour	black (similar to RAL 9005)	Surface finish	Powder coating
Enclosure material	Aluminium diecast	Series	HighPower
Material of gasket	Silicone rubber		

### 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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### 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



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### General ordering data

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

### 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 50	Version	
Order No.	<a href="#">1177100000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248970919		
Qty.	1 ST		
Type	HDC HP 550 F 95	Version	
Order No.	<a href="#">1079810000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248841707		
Qty.	1 ST		
Type	HDC HP 550 F 120	Version	
Order No.	<a href="#">1079820000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248841806		
Qty.	1 ST		
Type	HDC HP 550 F 150	Version	
Order No.	<a href="#">1079830000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248842018		
Qty.	1 ST		
Type	HDC HP 550 F 185	Version	
Order No.	<a href="#">1079840000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248841905		
Qty.	1 ST		

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## Accessories

Type	HDC HP 550 F 240	Version	
Order No.	<a href="#">112060000</a>	HDC insert, Female, 3600 V, Crimp connection, Installation size: 550	
GTIN (EAN)	4032248901609		
Qty.	1 ST		