Data sheet

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.	1535420000
Type	HDC HP550 ABGH 1P
GTIN (EAN)	4050118339444
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

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

Environmental Product Compliance

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

Dimensions

Width	60 mm

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)	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	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.

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		