

**HDC enclosures  
HDC HP550 ABGH 1P**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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**

|            |  |
|------------|--|
| Type       | HDC HP550 ABGH 1P                                    |
| Order No.  | <a href="#">1535420000</a>                           |
| Version    | HDC enclosures, 1500 V, 550 A, Number of poles:<br>1 |
| GTIN (EAN) | 4050118339444  |
| Qty.       | 1 pc(s).   |

## Data sheet

### HDC enclosures HDC HP550 ABGH 1P

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## Technical data

### Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Width      | 60 mm    | Width (inches)  | 2.362 inch |
| Height     | 152 mm   | Height (inches) | 5.984 inch |
| Depth      | 80 mm    | Depth (inches)  | 3.15 inch  |
| Net weight | 232.06 g |                 |            |

### Temperatures

Limit temperature -40 °C ... 120 °C

### 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    |
| eClass 9.0  | 27-44-02-02 | eClass 9.1 | 27-44-02-02 |
| eClass 10.0 | 27-44-02-02 |            |             |

### Approvals

ROHS Conform

### Downloads

|                    |                                   |
|--------------------|-----------------------------------|
| Brochure/Catalogue | <a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN</a>             |
| Engineering Data   | <a href="#">STEP</a>              |

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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 pc(s).                   |                       |

**Crimp contacts**


The RockStar® HighPower system, with its completely newly developed and coordinated components in three and four pin versions, represents a novel product solution for pluggable energy transmission – failure-free. The RockStar® HighPower system has a modular design and offers the customer a multitude of product solutions for all kinds of application sites and requirements. The RockStar® HighPower end-wall connector is impact-resistant, water and dust-proof and was built to comply with DIN EN 61373 CAT 1b (bogie) requirements. The overall structure has been adapted to the confined space of wagon-to-wagon coupling - small, light and powerful.

**General ordering data**

| Type       | HDC HP 550 F 185           | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">1079840000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248841905              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC HP 550 F 95            | Version  |
| Order No.  | <a href="#">1079810000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248841707              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC HP 550 F 150           | Version  |
| Order No.  | <a href="#">1079830000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248842018              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | HDC HP 550 F 240           | Version  |
| Order No.  | <a href="#">1120600000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248901609              |  |
| Qty.       | 1 pc(s).                   |  |

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**Accessories**

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HP 550 F 120           | Version  |
| Order No.  | <a href="#">1079820000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248841806              |  |
| Qty.       | 1 pc(s).                   |  |

|            |                            |  |
|------------|----------------------------|--|
| Type       | HDC HP 550 F 50            | Version  |
| Order No.  | <a href="#">1177100000</a> | HDC insert, Female, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4032248970919              |  |
| Qty.       | 1 pc(s).                   |  |