

## HDC HP550 KIT 4M120

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



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

|            |  |
|------------|--|
| Version    | RockStar® HDC kits-Heavy-duty connectors, Plug-in connector, HighPower, 1500 V, 550 A, diecast aluminium, Plug housing |
| Order No.  | <a href="#">1506860000</a>   |
| Type       | HDC HP550 KIT 4M120  |
| GTIN (EAN) | 4050118315233  |
| Qty.       | 1 pc(s).   |

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## Technical data

### Dimensions and weights

Net weight 3,112 g

### Temperatures

Limit temperature -40 °C ... 120 °C

### General data

|                  |                             |                               |                     |
|------------------|-----------------------------|-------------------------------|---------------------|
| Colour           | black (similar to RAL 9005) | Conductor cross-section, max. | 120 mm <sup>2</sup> |
| Contact material | Copper alloy                | Enclosure material            | Aluminium diecast   |
| Seal material    | EPDM                        | Series                        | HighPower           |
| Surface finish   | Powder coating              | Type of connection            | Crimp connection    |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002641    | ETIM 7.0    | EC002641    |
| ETIM 8.0    | EC002641    | ETIM 9.0    | EC002641    |
| ECLASS 9.0  | 27-44-03-06 | ECLASS 9.1  | 27-44-01-90 |
| ECLASS 10.0 | 27-44-03-06 | ECLASS 11.0 | 27-44-03-06 |
| ECLASS 12.0 | 27-44-03-06 | ECLASS 13.0 | 27-44-03-06 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | a1b198df-2a58-40a5-bb31-ff1a2bb12993 |

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Downloads

|                    |   |
|--------------------|---|
| Engineering Data   | <a href="#">CAD data – STEP</a>   |
| User Documentation | <a href="#">1487750000_01_04_14_BPZ_HDC_HP_STGH_ICX_web.pdf</a><br><a href="#">59256_HDC_HP550_KIT_4M120_00_BLATT.pdf</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>  |
| Brochures          | <a href="#">FL FIELDWIRING EN</a>   |

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## Accessories

## IP68 version acc. to EN 45545



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | VGM40-SS68 20-32 BG        | Version   |
| Order No.  | <a href="#">1193590000</a> | Heavy-duty connectors, Accessories, Cable glands, Stainless steel |
| GTIN (EAN) | 4032248976614              | 1.4305 (303)  |
| Qty.       | 10 pc(s).                  |   |

## Housings



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 BG          | Version   |
| Order No.  | <a href="#">1475700000</a> | HDC enclosures, 1500 V, Screw connection          |
| GTIN (EAN) | 4050118282313              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | HDC HP550 ABGH 1P          | Version   |
| Order No.  | <a href="#">1535420000</a> | HDC enclosures, 1500 V, 550 A, Number of poles: 1 |
| GTIN (EAN) | 4050118339444              |   |
| Qty.       | 1 pc(s).                   |   |

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## Accessories

### Accessories



Accessories especially suitable for the demands of wagon-to-wagon coupling have been developed for the HighPower end-wall connectors and thus significantly enhance the added value of the plug-in connectors. Easy-to-install coding pins ensure reverse polarity protection, plastic cover caps provide sufficient dust protection, while aluminium covers are designed to be absolutely water and dust-proof. The accessories intelligently round off the overall system.

### General ordering data

|            |                            |                |
|------------|----------------------------|----------------|
| Type       | HDC HP550 CP               | Version        |
| Order No.  | <a href="#">1475840000</a> | HDC enclosures |
| GTIN (EAN) | 4050118282511              |                |
| Qty.       | 200 pc(s).                 |                |
| Type       | HDC HP SUKA 1P 550A        | Version        |
| Order No.  | <a href="#">1479130000</a> | HDC enclosures |
| GTIN (EAN) | 4050118373608              |                |
| Qty.       | 10 pc(s).                  |                |

### IP68 version acc. to EN 45545



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### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | VGM40-MS68 20-32 BG        | Version  |
| Order No.  | <a href="#">1193620000</a> | Heavy-duty connectors, Accessories, Cable glands, Brass, nickel-plated |
| GTIN (EAN) | 4032248976577              |  |
| Qty.       | 10 pc(s).                  |  |