

HDC insert HDC HP 550 M 70

Weidmüller Interface GmbH & Co. KG

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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 M 70 |
| Order No. | 1268810000 |
| Version | HDC insert, Pin, 3000 V, 550 A, Crimp connection, Size: 550 |
| GTIN (EAN) | 4050118057720 |
| Qty. | 1 pc(s). |

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

Data sheet

**HDC insert
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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Length | 91 mm | Length (inches) | 3.583 inch |
| Net weight | 192.4 g | Diameter | 43 mm |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -50 °C ... 120 °C |
|-------------------|-------------------|

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

General data

| | | | |
|--------------------|-------------------|------------------------------------|-----------------|
| Colour | black | Contact diameter, male Ø | 18 mm |
| Material | Copper alloy | Production methods | turned |
| Series | HighPower | Stripping length, rated connection | 30 mm |
| Surface finish | Silver passivated | Type | Pin |
| Type of connection | Crimp connection | Version insert | HighPower 550 A |
| Volume resistance | ≤ 0.1 mΩ | | |


Power contact

| | | | |
|---|------------------|---|-------|
| Rated current (DIN EN 61984), power contact | 550 A | Rated impulse voltage (DIN EN 61984), power contact | 15 kV |
| Rated voltage (DIN EN 61984), power contact | 3,000 V | Stripping length, performance contact | 30 mm |
| Type of connection, power contact | Crimp connection | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000796 | ETIM 7.0 | EC000796 |
| eClass 9.0 | 27-44-02-04 | eClass 9.1 | 27-44-02-04 |
| eClass 10.0 | 27-44-02-04 | | |

Approvals

| | |
|-----------|---|
| Approvals |  |
|-----------|---|

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

Downloads

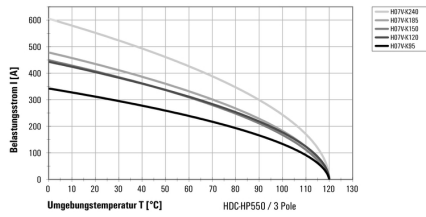
| | |
|--------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN |
| Engineering Data | STEP |

Data sheet

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Drawings



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Accessories**Crimping tools**

Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | MTR 300 | Version |
| Order No. | 9021390000 | Pressing tool, Crimping tool, universal hand presses, 10mm ² , 300mm ² |
| GTIN (EAN) | 4008190497057 | |
| Qty. | 1 pc(s). | |