

HDC HP 550 M 25**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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

| | |
|------------|---|
| Version | HDC insert, Pin, 3000 V, 550 A, Crimp connection, Size: 550 |
| Order No. | 1220580000 |
| Type | HDC HP 550 M 25 |
| GTIN (EAN) | 4050118003857 |
| Qty. | 1 pc(s). |

Creation date March 7, 2023 6:07:42 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|----------|-------|-----------------|------------|
| Length | 91 mm | Length (inches) | 3.583 inch |
| Diameter | 43 mm | Net weight | 125 g |

Temperatures

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

General data

| | | | |
|--------------------------------------|--------------------|------------------------------|----------------------------|
| BG | 550 | Conductor cross-section | 25 mm ² |
| Free from halogens | false | Insulating material | Polyamide with fibre optic |
| Insulation strength | 10 ¹⁰ Ω | Material | Copper alloy |
| Pollution severity | PD 2 (PD 3) | Rated current (DIN EN 61984) | 550 A |
| Rated impulse voltage (DIN EN 61984) | 15 kV | Rated voltage (DIN EN 61984) | 3,000 V |
| Series | HighPower | Size | 550 |
| Surface finish | Silver passivated | Type | Pin |
| UL 94 flammability rating | V-0 | 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 | | |

Version

| | | | |
|-------------------------------|--------------------|---|--------------------|
| BG | 550 | Conductor cross-section, max. | 25 mm ² |
| Conductor cross-section, min. | 25 mm ² | Material | Copper alloy |
| Size | 550 | Stripping length, rated connection | 30 mm |
| Surface finish | Silver passivated | Type of connection | Crimp connection |
| Volume resistance | ≤0.1 mΩ | Wire connection cross section AWG, max. | AWG 4 |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000796 | ETIM 7.0 | EC000796 |
| ETIM 8.0 | EC000796 | ECLASS 9.0 | 27-44-02-04 |
| ECLASS 9.1 | 27-44-02-04 | ECLASS 10.0 | 27-44-02-04 |
| ECLASS 11.0 | 27-44-02-04 | ECLASS 12.0 | 27-44-02-04 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 6eabd5ae-2d6b-409e-8bdf-87c27ee10e40 |

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings

