

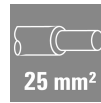
HDC HP 550 F 25**Weidmüller Interface GmbH & Co. KG**

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, Female, Crimp connection, Installation size: 550 |
| Order No. | 1220570000 |
| Type | HDC HP 550 F 25 |
| GTIN (EAN) | 4050118003840 |
| Qty. | 1 items |
| Delivery status | Discontinued |
| Available until | 2025-09-30T00:00:00+02:00 |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|----------|---------|-----------------|-------------|
| Length | 98.3 mm | Length (inches) | 3.8701 inch |
| Diameter | 43 mm | Net weight | 125 g |

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 6eabd5ae-2d6b-409e-8bdf-87c27ee10e40 |

General data

| | | | |
|---|--------------------|--------------------------------------|----------------------------|
| Plugging cycles, silver | ≥ 500 | Type of connection | Crimp connection |
| Installation size | 550 | UL 94 flammability rating | V-0 |
| Volume resistance | ≤0.1 mΩ | Colour | black |
| Insulation resistance | 1010 Ω | Insulating material | Polyamide with fibre optic |
| Conductor cross-section | 25 mm ² | Surface finish | Silver passivated |
| Plugging cycles | ≥ 500 | Type | Female |
| Pollution severity | PD 2 (PD 3) | Basic material | Copper alloy |
| Series | HighPower | Rated impulse voltage (DIN EN 61984) | 15 kV |
| Operating voltage, max. (total temperature=60°C) | 3000 V | Free from halogens | false |
| Rated current acc. to DIN EN 61984 (ambient temperature=20°C) | 140 A | BG | 550 |

Power contact

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

Version

| | | | |
|------------------------------------|--------------------|-------------------------------|--------------------|
| Stripping length, rated connection | 30 mm | Type of connection | Crimp connection |
| Installation size | 550 | Volume resistance | ≤0.1 mΩ |
| Conductor cross-section, max. | 25 mm ² | Conductor cross-section, min. | 25 mm ² |
| Surface finish | Silver passivated | Basic material | Copper alloy |
| BG | 550 | | |

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. The rated voltage of 3.6 kV must be reduced by 20% at operating temperatures above 100°C. |
|---------------------|---|

Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000796 | ETIM 9.0 | EC000796 |
| ETIM 10.0 | EC000796 | ECLASS 14.0 | 27-44-02-04 |
| ECLASS 15.0 | 27-44-02-04 | | |

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Drawings

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