

HDC HP 550 F 95**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, 3000 V, 550 A, Crimp connection, Size: 550 |
| Order No. | 1079810000 |
| Type | HDC HP 550 F 95 |
| GTIN (EAN) | 4032248841707 |
| Qty. | 1 pc(s). |

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|-----------------|-----------|------------|---------|
| Diameter | 43 mm | Length | 98.3 mm |
| Length (inches) | 3.87 inch | Net weight | 203 g |

Temperatures

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

Environmental Product Compliance

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

General data

| | | | |
|--------------------------------------|--------------------|------------------------------|----------------------------|
| Conductor cross-section | 95 mm ² | 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 | Female |
| 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

| | | | |
|---|--------------------|-------------------------------|--------------------|
| Conductor cross-section, max. | 95 mm ² | Conductor cross-section, min. | 95 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 3/0 | | |

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 | ECLASS 11.0 | 27-44-02-04 |

Approvals

Approvals



ROHS

Conform

Data sheet

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Technical data

Downloads

| | |
|------------------|-----------------------|
| Engineering Data | STEP |
| Engineering Data | EPLAN |

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Drawings

