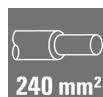


**HDC HP 550 F 240****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">1120600000</a>                                     |
| Type       | HDC HP 550 F 240                                               |
| GTIN (EAN) | 4032248901609                                                  |
| Qty.       | 1 pc(s).                                                       |

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## Technical data

## Dimensions and weights

|                 |           |            |         |
|-----------------|-----------|------------|---------|
| Diameter        | 43 mm     | Length     | 98.3 mm |
| Length (inches) | 3.87 inch | Net weight | 244 g   |

## Temperatures

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

## Environmental Product Compliance

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

## General data

|                                      |                     |                              |                            |
|--------------------------------------|---------------------|------------------------------|----------------------------|
| Conductor cross-section              | 240 mm <sup>2</sup> | Insulating material          | Polyamide with fibre optic |
| Insulation strength                  | 10 <sup>10</sup> 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.           | 240 mm <sup>2</sup> | Conductor cross-section, min. | 240 mm <sup>2</sup> |
| 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. | kcmil 500           |                               |                     |

## 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

### HDC HP 550 F 240

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## Technical data

### Downloads

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

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## Drawings

