

**HDC insert  
HDC HP 250 F 25****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

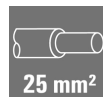
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Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

**General ordering data**

|            |                                                                |
|------------|----------------------------------------------------------------|
| Type       | HDC HP 250 F 25                                                |
| Order No.  | <a href="#">1079720000</a>                                     |
| Version    | HDC insert, Female, 3000 V, 250 A, Crimp connection, Size: 250 |
| GTIN (EAN) | 4032248841646                                                  |
| Qty.       | 1 pc(s).                                                       |

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## Technical data

### Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Length     | 83.2 mm | Length (inches) | 3.276 inch |
| Net weight | 105 g   | Diameter        | 32 mm      |

### Temperatures

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

### Environmental Product Compliance

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

### General data

|                                      |                    |                              |                            |
|--------------------------------------|--------------------|------------------------------|----------------------------|
| Conductor cross-section              | 25 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) | 250 A                      |
| Rated impulse voltage (DIN EN 61984) | 15 kV              | Rated voltage (DIN EN 61984) | 3,000 V                    |
| Series                               | HighPower          | Size                         | 250                        |
| Surface finish                       | Silver passivated  | Type                         | Female                     |
| UL 94 flammability rating            | V-0                | Volume resistance            | ≤ 0.1 mΩ                   |

### Connection data PE

|                    |                                    |
|--------------------|------------------------------------|
| Connection type PE | Crimp connection, Screw connection |
|--------------------|------------------------------------|

### Power contact

|                                             |                  |                                                     |       |
|---------------------------------------------|------------------|-----------------------------------------------------|-------|
| Rated current (DIN EN 61984), power contact | 250 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               | 24 mm |
| Type of connection, power contact           | Crimp connection |                                                     |       |

### Version

|                                         |                    |                               |                    |
|-----------------------------------------|--------------------|-------------------------------|--------------------|
| Conductor cross-section, max.           | 25 mm <sup>2</sup> | Conductor cross-section, min. | 25 mm <sup>2</sup> |
| Material                                | Copper alloy       | Size                          | 250                |
| Stripping length, rated connection      | 24 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 4.0   | EC000437    | ETIM 5.0   | EC000437    |
| ETIM 6.0   | EC000796    | eClass 6.2 | 27-14-34-19 |
| eClass 7.1 | 27-44-02-05 | eClass 8.1 | 27-44-02-05 |
| eClass 9.0 | 27-44-02-04 | eClass 9.1 | 27-44-02-04 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 3 HDC 17/18 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">EPLAN</a>                                                   |
| Engineering Data   | <a href="#">STEP</a>                                                    |

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## Drawings

