

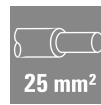
HDC HP 250 F 25**Weidmüller Interface GmbH & Co. KG**

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: 250 |
| Order No. | 1079720000 |
| Type | HDC HP 250 F 25 |
| GTIN (EAN) | 4032248841646 |
| Qty. | 1 items |

HDC HP 250 F 25

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|----------|---------|-----------------|-------------|
| Length | 83.2 mm | Length (inches) | 3.2756 inch |
| Diameter | 32 mm | Net weight | 81.37 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 | 250 | UL 94 flammability rating | V-0 |
| Volume resistance | ≤0.1 mΩ | Colour | black |
| Insulation resistance | 1010 Ω | Insulating material | PA GF |
| 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) | 2300 V | Free from halogens | false |
| Rated current acc. to DIN EN 61984 (ambient temperature=20°C) | 140 A | BG | 250 |

Connection data PE

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

Power contact

| | | | |
|-----------------------------------------------------|------------------|---------------------------------------|-------|
| Type of connection, power contact | Crimp connection | Stripping length, performance contact | 24 mm |
| Rated impulse voltage (DIN EN 61984), power contact | 15 kV | | |

Version

| | | | |
|------------------------------------|--------------------|-------------------------------|--------------------|
| Stripping length, rated connection | 24 mm | Type of connection | Crimp connection |
| Installation size | 250 | 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 | 250 | | |

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 |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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not exceed the rated voltage. For applications outside of this specification, please contact us. The rated voltage of 3.0 kV must be reduced by 20% at operating temperatures above 110°C.

Classifications

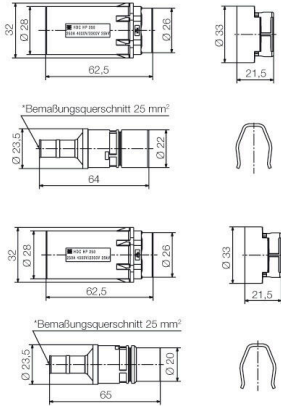
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000796 | ETIM 9.0 | EC000796 |
| ETIM 10.0 | EC000796 | ECLASS 14.0 | 27-44-02-04 |
| ECLASS 15.0 | 27-44-02-04 | | |

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Drawings

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Accessories

HighPower spare parts



General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | HDC HP CLAMP 250A | Version | |
| Order No. | 2778940000 | | |
| GTIN (EAN) | 4064675047964 | | |
| Qty. | 25 ST | | |

Tools



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm²
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | EPG 45 | Version | |
| Order No. | 1500830000 | | |
| GTIN (EAN) | 4050118309317 | | |
| Qty. | 1 ST | | |

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Accessories

... for compression cable lugs (acc. to DIN 46235)



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm²
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

| | | | |
|------------|----------------------------|---------|-------------------------------------|
| Type | ES EPG 45 HEX 25/50 | Version | |
| Order No. | 1500970000 | Version | 50mm ² , Hexagonal crimp |
| GTIN (EAN) | 4050118309195 | | |
| Qty. | 1 ST | | |

Tools



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm²
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

General ordering data

| | | | |
|------------|----------------------------|---------|---------------------------------------|
| Type | APG 80 | Version | |
| Order No. | 2853270000 | Version | 6mm ² , 400mm ² |
| GTIN (EAN) | 4064675477020 | | |
| Qty. | 1 ST | | |

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Accessories**... for compression cable lugs (acc. to DIN 46235)**

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm²
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- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

General ordering data

| | | |
|------------|----------------------------|-------------------------------------|
| Type | ES APG 80 HEX 50 | Version |
| Order No. | 1502670000 | 50mm ² , Hexagonal crimp |
| GTIN (EAN) | 4050118310559 | |
| Qty. | 1 ST | |