

**HDC insert
HDC HE 24 MP**

Weidmüller Interface GmbH & Co. KG
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The PUSH IN connection is a direct-insert method of connection. The preprocessed wire can be inserted directly into the wire connection without the need for any tools.

Number of poles: **24**

Rated current: **16 A**

Rated voltage: **500 V**

Nominal voltage acc. to UL/CSA: **600 V AC/DC**

PUSH IN technology

General ordering data

| | |
|------------|---|
| Type | HDC HE 24 MP |
| Order No. | 1873590000 |
| Version | HDC insert, Pin, 500 V, 16 A, Number of poles: 24, PUSH IN, Size: 8 |
| GTIN (EAN) | 4032248458202 |
| Qty. | 1 pc(s). |

Creation date September 7, 2020 10:42:08 AM CEST

Catalogue status 05.09.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 34 mm | Width (inches) | 1.339 inch |
| Height | 34.3 mm | Height (inches) | 1.35 inch |
| Depth | 111 mm | Depth (inches) | 4.37 inch |
| Net weight | 104 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Environmental Product Compliance

| | |
|------------|--|
| REACH SVHC | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3 |
|------------|--|

Dimensions

| | | | |
|----------------|---------|-------------------|--------|
| Height of plug | 34.3 mm | Total length base | 111 mm |
|----------------|---------|-------------------|--------|

General data

| | | | |
|--------------------------------------|--|------------------------------|-------------------|
| Insulating material | PC glass-fibre reinforced (UL-listed and railway- certified) | Insulating material group | IIIa |
| Insulation strength | 10 ¹⁰ Ω | Material | Copper alloy |
| Number of poles | 24 | Plugging cycles, silver | ≥ 500 |
| Pollution severity | 3 | Rated current (DIN EN 61984) | 16 A |
| Rated impulse voltage (DIN EN 61984) | 6 kV | Rated voltage (DIN EN 61984) | 500 V |
| Rated voltage according to UL/CSA | 600 V AC/DC | Series | HE |
| Size | 8 | Surface finish | Silver passivated |
| Type | Pin | UL 94 flammability rating | V-0 |
| Volume resistance | ≤ 2mΩ | | |

Connection data PE

| | | | |
|---|---------------------|---|---------------------|
| Blade size, crosshead | size PH1 | Blade size, slotted (PE connection) | SD 0.8 x 4.0 |
| Connection type PE | Screw connection | Fixing screw | M 4 |
| Rated cross-section | 4 mm ² | Stripping length PE connection | 10 mm |
| Tightening torque, max. PE connection | 1.5 Nm | Tightening torque, min. PE connection | 1.2 Nm |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire cross section, AWG (PE), max. | AWG 12 | Wire cross section, AWG (PE), min. | AWG 20 |
| Wire cross-section, solid, max. | 1.5 mm ² | Wire cross-section, solid, min. | 0.5 mm ² |

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Technical data**Version**

| | | | |
|---|---------------------|---|---------------------|
| Blade size, slotted (screw connection) | SD 0.5 x 3.0 | Conductor cross-section, max. | 2.5 mm ² |
| Conductor cross-section, min. | 0.5 mm ² | Material | Copper alloy |
| Size | 8 | Stripping length, rated connection | 10 mm |
| Surface finish | Silver passivated | Type of connection | PUSH IN |
| Volume resistance | ≤ 2mΩ | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | Wire cross-section, solid, max. | 1.5 mm ² |
| Wire cross-section, solid, min. | 0.5 mm ² | | |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000438 | ETIM 7.0 | EC000438 |
| eClass 9.0 | 27-44-02-05 | eClass 9.1 | 27-44-02-05 |
| eClass 10.0 | 27-44-02-05 | UNSPSC | 30-21-18-01 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|-------------------------|---|
| Brochure/Catalogue | CAT 3 HDC 17/18 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |
| Technical Documentation | 1873590000_HDC_HE_24_MP_STP_Blatt_1.pdf |

Data sheet

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Drawings

