

## HDC HE 24 N MQT

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com




With the SNAP IN connection, the conductor connection level is already open and the stripped connector can be simply inserted. In the end position, the patented clamping mechanism closes automatically. As a result, it requires virtually no maintenance and a safe, permanent and vibration-proof connection is established. Weidmüller is therefore the first and only manufacturer to offer this innovative connection system.

### General ordering data

|            |   |
|------------|---|
| Version    | HDC insert, Male, 500 V, 16 A, Number of poles: 24, SNAP IN, Installation size: 8 |
| Order No.  | <a href="#">2667010000</a>  |
| Type       | HDC HE 24 N MQT   |
| GTIN (EAN) | 4050118898149   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

## Dimensions and weights

|          |         |                 |             |
|----------|---------|-----------------|-------------|
| Depth    | 34 mm   | Depth (inches)  | 1.3386 inch |
| Height   | 36.3 mm | Height (inches) | 1.4291 inch |
| Width    | 111 mm  | Width (inches)  | 4.3701 inch |
| Length   | 111 mm  | Length (inches) | 4.3701 inch |
| Diameter | 2.5 mm  | Net weight      | 106 g       |

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

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

SCIP b67daa31-7dca-434d-8290-da7fb52f83a2

## Dimensions

Width 111 mm

## General data

|                                       |                       |
|---------------------------------------|-----------------------|
| Number of poles                       | 24                    |
| Plugging cycles, silver               | ≥ 500                 |
| Plugging cycles, gold                 | ≥ 500                 |
| Type of connection                    | SNAP IN               |
| Installation size                     | 8                     |
| UL 94 flammability rating             | V-0                   |
| Volume resistance                     | ≤2 mΩ                 |
| Colour                                | light grey (RAL 7035) |
| Insulation resistance                 | 1010 Ω                |
| Insulating material                   | PA 66                 |
| Insulating material group             | IIIa                  |
| Tightening torque, max. PE connection | 1.5 Nm                |
| Surface finish                        | Silver passivated     |
| Type                                  | Male                  |
| Pollution severity                    | 3                     |
| Tightening torque, min. PE connection | 1.2 Nm                |
| Basic material                        | Copper alloy          |
| Series                                | HE                    |
| Rated voltage (DIN EN 61984)          | 500 V                 |
| Rated voltage according to UL/CSA     | 600 V AC/DC           |
| Rated impulse voltage (DIN EN 61984)  | 6 kV                  |
| Rated current (DIN EN 61984)          | 16 A                  |

Creation date 24.02.2026 02:21:31 MEZ

Catalogue status / Drawings

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|                               |                                   |        |
|-------------------------------|-----------------------------------|--------|
| Rated current (UR)            | Wire connection cross section AWG | AWG 20 |
|                               | Rated current                     | 5 A    |
| Rated current (cUR)           | Wire connection cross section AWG | AWG 20 |
|                               | Rated current                     | 6.6 A  |
| Free from halogens            | true                              |        |
| Low smoke acc. DIN EN 45545-2 | Yes                               |        |
| BG                            | 8                                 |        |
| Number of signal contacts     | 0                                 |        |
| Number of power contacts      | 24                                |        |

### Connection data PE

|                                       |                  |                                       |              |
|---------------------------------------|------------------|---------------------------------------|--------------|
| Connection type PE                    | Screw connection | Blade size, slotted (PE connection)   | SD 0.8 x 4.0 |
| Stripping length PE connection        | 10 mm            | Tightening torque, max. PE connection | 1.5 Nm       |
| Tightening torque, min. PE connection | 1.2 Nm           | Fixing screw                          | M 4          |
| Wire cross section, AWG (PE), min.    | AWG 20           | Wire cross section, AWG (PE), max.    | AWG 12       |

### Version

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| Wire connection cross section AWG, max.   | AWG 16               | Stripping length, rated connection  | 10 mm                |
| Type of connection  | SNAP IN              | Installation size   | 8                    |
| Volume resistance   | ≤2 mΩ                | Blade size  | SD 0.6 x 3.5         |
| Wire connection cross section AWG, min.   | AWG 20               | Wire cross-section, solid, max.   | 2.5 mm <sup>2</sup>  |
| Wire cross-section, solid, min.   | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.34 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.34 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>  | Conductor cross-section, max.   | 2.5 mm <sup>2</sup>  |
| Conductor cross-section, min.   | 0.34 mm <sup>2</sup> | Surface finish  | Silver passivated    |
| Basic material  | Copper alloy         | BG  | 8                    |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000438    | ETIM 9.0    | EC000438    |
| ETIM 10.0   | EC000438    | ECLASS 14.0 | 27-44-02-05 |
| ECLASS 15.0 | 27-44-02-05 |             |             |