

**HDC HE 24 N MQT 25~48**

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

[www.weidmueller.com](http://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: 12
Order No.	<a href="#">2667020000</a>
Type	HDC HE 24 N MQT 25~48
GTIN (EAN)	4050118899061
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	111 mm	Depth (inches)	4.3701 inch
Height	36.3 mm	Height (inches)	1.4291 inch
Width	34 mm	Width (inches)	1.3386 inch
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 34 mm

## General data

Number of poles	24		
Plugging cycles, silver	≥ 500		
Plugging cycles, gold	≥ 500		
Type of connection	SNAP IN		
Installation size	12		
UL 94 flammability rating	V-0		
Colour	grey, light grey (RAL 7035)		
Insulation resistance	1010 Ω		
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)		
Surface finish	Silver passivated		
Type	Male		
Pollution severity	3		
Basic material	Copper alloy, PA 66		
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		
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		

Creation date 10.03.2026 05:38:36 MEZ

Catalogue status / Drawings

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## Technical data

Low smoke acc. DIN EN 45545-2	Yes
BG	12
Number of signal contacts	0
Number of power contacts	24

### Connection data PE

Connection type PE	Screw connection	Rated cross-section	4 mm <sup>2</sup>
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### Version

Stripping length, rated connection	10 mm	Type of connection	SNAP IN
Installation size	12	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 46228/1, 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.	1 mm <sup>2</sup>
Surface finish	Silver passivated	Basic material	Copper alloy, PA 66
BG	12		

### 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		