

**HDC HE 10 N FQT**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**SNAP IN** 


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, Female, 500 V, 16 A, Number of poles: 10, SNAP IN, Installation size: 4
Order No.	<a href="#">2666930000</a>
Type	HDC HE 10 N FQT
GTIN (EAN)	4050118898118
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

Net weight 60 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

## General data

Number of poles 10

Plugging cycles, silver  $\geq 500$ 

Type of connection SNAP IN

Installation size 4

UL 94 flammability rating V-0

Volume resistance  $\leq 2 \text{ m}\Omega$ 

Colour light grey (RAL 7035)

Insulation resistance  $1010 \Omega$ 

Insulating material group IIIa

Surface finish Silver passivated

Type Female

Pollution severity 3

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

Rated current (UR) Wire connection cross section AWG AWG 16

Rated current 10 A

Rated current (cUR) Wire connection cross section AWG AWG 16

Rated current 10.3 A

Free from halogens true

Low smoke acc. DIN EN 45545-2 Yes

BG 4

## 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

Creation date 28.11.2025 12:01:34 MEZ

Catalogue status / Drawings

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## Technical data

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	4
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 46228/1, 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
BG	4		

### Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 9.0	27-44-02-05
ECLASS 9.1	27-44-02-05	ECLASS 10.0	27-44-02-05
ECLASS 11.0	27-44-02-05	ECLASS 12.0	27-44-02-05
ECLASS 13.0	27-44-02-05	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

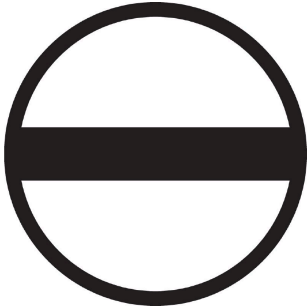
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**Accessories**

**Slotted screwdriver**



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

**General ordering data**

Type	SDIS 0.6X3.5X100	Version
Order No.	<a href="#">9008390000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 ST	

Type	SDS 0.6X3.5X100	Version
Order No.	<a href="#">9008330000</a>	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 ST	

**DSTV**



Various accessories are available for our inserts. This includes coding elements for the inserts.

**General ordering data**

Type	DSTV COBU5	Version
Order No.	<a href="#">1471500000</a>	Heavy-duty connectors, Accessories, Coding element
GTIN (EAN)	4008190178543	
Qty.	100 ST	

Type	DSTV COST4	Version
Order No.	<a href="#">1471300000</a>	Heavy-duty connectors, Accessories, Coding System
GTIN (EAN)	4008190017354	
Qty.	100 ST	