

HDC HE 06 N MQT**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, Male, 500 V, 24 A, Number of poles: 6, SNAP IN, Size: 3
Order No.	2666910000
Type	HDC HE 06 N MQT
GTIN (EAN)	4050118883787
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	44 g
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Temperatures

Limit temperature	-40 °C ... 125 °C
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General data

BG	3	Colour	light grey (RAL 7035)
Free from halogens	true	Insulating material group	IIIa
Insulation strength	10 ¹⁰ Ω	Low smoke acc. DIN EN 45545-2	Yes
Material	Copper alloy	Number of poles	6
Plugging cycles, silver	≥ 500	Pollution severity	3
Rated current (DIN EN 61984)	24 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	3
Surface finish	Silver passivated	Type	Male
Type of connection	SNAP IN	UL 94 flammability rating	V-0
Volume resistance	≤2 mΩ		

Connection data PE

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

Version

BG	3	Blade size	SD 0.6 x 3.5
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	1 mm ²
Material	Copper alloy	Size	3
Stripping length, rated connection	10 mm	Surface finish	Silver passivated
Type of connection	SNAP IN	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 16	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	1 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire cross-section, solid, min.	1 mm ²

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	b67daa31-7dca-434d-8290-da7fb52f83a2
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

Creation date July 25, 2024 5:10:15 PM CEST

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

Downloads

Engineering Data [CAD data – STEP](#)Product Change Notification [Technische Änderung zu HDC HE SNAPIN Kontakteinsätzen](#)
[Technical change to HDC HE SNAPIN contact inserts](#)
[Product Change Notice PCN-PB72-20240321-00-A_de](#)
[Product Change Notice PCN-PB72-20240321-00-A_en](#)Catalogues [Catalogues in PDF-format](#)

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www.weidmueller.com**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.	9008390000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 pc(s).	

DSTV

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

General ordering data

Type	DSTV COST4	Version
Order No.	1471300000	Heavy-duty connectors, Accessories, Coding System
GTIN (EAN)	4008190017354	
Qty.	100 pc(s).	
Type	DSTV COBU5	Version
Order No.	1471500000	Heavy-duty connectors, Accessories, Coding element
GTIN (EAN)	4008190178543	
Qty.	100 pc(s).	

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www.weidmueller.com**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265,
ISO 2380/2, output to DIN 5264, ISO 2380/1.
ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	