

**HDC HE 6 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, 24 A, Number of poles: 6, SNAP IN, Size: 3
Order No.	<a href="#">2666910000</a>
Type	HDC HE 6 MQT
GTIN (EAN)	4050118883787
Qty.	1 pc(s).

Creation date April 18, 2022 7:05:22 AM CEST

Catalogue status 08.04.2022 / We reserve the right to make technical changes.

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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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## Environmental Product Compliance

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

BG	3	Insulating material group	IIIa
Insulation strength	10 <sup>10</sup> Ω	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
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 <sup>2</sup>	Conductor cross-section, min.	1 mm <sup>2</sup>
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 <sup>2</sup>
Wire connection cross section, finely stranded, min.	1 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm <sup>2</sup>	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Wire cross-section, solid, min.	1 mm <sup>2</sup>		

## Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	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		

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	E92202

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>