

**HDC HE 16 N FQT 17~32****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 16, SNAP IN, Size: 6
Order No.	<a href="#">2666960000</a>
Type	HDC HE 16 N FQT 17~32
GTIN (EAN)	4050118899030
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.327 inch
Height	36.3 mm	Height (inches)	1.429 inch
Width	34 mm	Width (inches)	1.339 inch
Net weight	79 g		

## Temperatures

Limit temperature	-40 °C ... 125 °C
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## Dimensions

Width	34 mm
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## General data

BG	6	Free from halogens	true
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified), PA 66/6	Insulation strength	10 <sup>10</sup> Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Copper alloy
Number of poles	16	Plugging cycles, silver	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	16 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	500 V
Series	HE	Size	6
Surface finish	Silver passivated	Type	Female
Type of connection	SNAP IN	UL 94 flammability rating	V-0

## Connection data PE

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

BG	6	Conductor cross-section, max.	2.5 mm <sup>2</sup>
Conductor cross-section, min.	1 mm <sup>2</sup>	Material	Copper alloy
Size	6	Stripping length, rated connection	10 mm
Surface finish	Silver passivated	Type of connection	SNAP IN
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 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	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

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



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](#)