

**HDC HE 16 N FQT 17~32**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstraße 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, Female, 500 V, 16 A, Number of poles: 16, SNAP IN, Installation size: 6
Order No.	<b>2666960000</b>
Type	HDC HE 16 N FQT 17~32
GTIN (EAN)	4050118899030
Qty.	1 items

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## Technical data

## Approvals

## Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E92202

## Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.3268 inch
Height	36.3 mm	Height (inches)	1.4291 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	79 g		

## Temperatures

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

Number of poles	16
Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500
Type of connection	SNAP IN
Installation size	6
UL 94 flammability rating	V-0
Insulation resistance	1010 Ω
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified), PA 66/6
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 18
	Rated current 7 A
Rated current (cUR)	Wire connection cross section AWG AWG 18
	Rated current 7.1 A
Free from halogens	true
Low smoke acc. DIN EN 45545-2	Yes

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**Technical data**

BG	6
Number of signal contacts	0
Number of power contacts	16

**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	6	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	6		

**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		