

HDC HE 16 N FQT 17~32

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, Female, 500 V, 16 A, Number of poles: 16, SNAP IN, Installation size: 6
Order No.	2666960000
Type	HDC HE 16 N FQT 17~32
GTIN (EAN)	4050118899030
Qty.	1 items

HDC HE 16 N FQT 17~32

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

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

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

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	

Creation date 01.03.2026 12:47:50 MEZ

Catalogue status / Drawings

HDC HE 16 N FQT 17~32

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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 ²
--------------------	------------------	---------------------	-------------------

Version

Stripping length, rated connection	10 mm	Type of connection	SNAP IN
Installation size	6	Wire cross-section, solid, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.34 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	1 mm ²
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		