

HDC HE 24 N FQT**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, Female, 500 V, 16 A, Number of poles: 24, SNAP IN, Size: 12, 8
Order No.	2666990000
Type	HDC HE 24 N FQT
GTIN (EAN)	4050118898217
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	111 mm	Depth (inches)	4.37 inch
Height	36.3 mm	Height (inches)	1.429 inch
Width	34 mm	Width (inches)	1.339 inch
Net weight	115 g		

Temperatures

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

Width	34 mm
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General data

BG	12, 8	
Colour	light grey (RAL 7035)	
Free from halogens	true	
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified), PA 66	
Insulating material group	IIIa	
Insulation strength	10 ¹⁰ Ω	
Low smoke acc. DIN EN 45545-2	Yes	
Material	Copper alloy	
Number of poles	24	
Plugging cycles, silver	≥ 500	
Pollution severity	3	
Rated current (DIN EN 61984)	16 A	
Rated current (UR)	Wire connection cross section AWG	AWG 20
	Rated current	5 A
Rated current (cUR)	Wire connection cross section AWG	AWG 20
	Rated current	6.6 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	12, 8	
Surface finish	Silver passivated	
Type	Female	
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	Rated cross-section	4 mm ²
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		

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Technical data

Version

BG	12, 8	Blade size	SD 0.6 x 3.5
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.34 mm ²
Material	Copper alloy	Size	12, 8
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
ETIM 10.0	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	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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 Technical change to HDC HE SNAPIN contact inserts Technische Änderung zu HDC HE SNAPIN Kontakteinsätzen
Catalogues	Catalogues in PDF-format