

HDC HE 24 FQT 25 - 48**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	, Female, 500 V, 16 A, Number of poles: 24, SNAP IN, Size: 12
Order No.	2667000000
Type	HDC HE 24 FQT 25 - 48
GTIN (EAN)	4050118899054
Qty.	1 pc(s).

Creation date 15 June 2023 03:49:56 CEST

Catalogue status 09.06.2023 / We reserve the right to make technical changes.

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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	Free from halogens	true
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulating material group	IIIa
Insulation strength	10 ¹⁰ Ω	Low smoke acc. DIN EN 45545-2	Yes
Material	Copper alloy, PA 66	Number of poles	24
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	12	Surface finish	Silver passivated
Type	Female	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		

Version

BG	12	Blade size	SD 0.6 x 3.5
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	1 mm ²
Material	Copper alloy, PA 66	Size	12
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 connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire cross-section, solid, min.	1 mm ²

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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	ECLASS 12.0	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

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
Catalogues	Catalogues in PDF-format