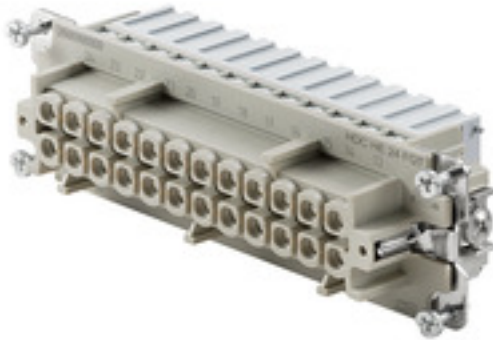


HDC HE 24 FQT**Weidmüller Interface GmbH & Co. KG**

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: 24, SNAP IN, Size: 12
Order No.	2666990000
Type	HDC HE 24 FQT
GTIN (EAN)	4050118898217
Qty.	1 pc(s).

HDC HE 24 FQT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

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

Dimensions

Width	34 mm
-------	-------

General data

Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified), PA 66	Insulating material group	IIIa
Insulation strength	$10^{10} \Omega$	Material	Copper alloy
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
Rated voltage according to UL/CSA	600 V AC/DC	Series	HE
Size	12	Surface finish	Silver passivated
Type	Female	UL 94 flammability rating	V-0
Volume resistance	$\leq 2 \text{ m}\Omega$		

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

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
Size	12	Stripping length, rated connection	10 mm
Surface finish	Silver passivated	Type of connection	SNAP IN
Volume resistance	$\leq 2 \text{ m}\Omega$	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		

HDC HE 24 FQT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC000438	ETIM 7.0	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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E92202

Downloads

Engineering Data	STEP
Brochure/Catalogue	Catalogues in PDF-format