

HDC HEEE 40 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

A heavy-duty connector consists of a connector insert and its protective housing. The insert is therefore the heart of the heavy-duty connector. It is responsible for electrical functioning. Connector inserts from Weidmüller are made from high-quality insulation materials, which allow secure transmission of high voltages in a tight space. Moreover, we use only a single type of plastic in our entire product line. This plastic is UL listed, and suitable for railway applications. This allows unlimited world-wide use of the RockStar® connector.

General ordering data

Version	HDC insert, Female, 500 V, 16 A, Number of poles: 40, Crimp connection, Size: 6
Order No.	1528380000
Type	HDC HEEE 40 FC
GTIN (EAN)	4050118374285
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	84.3 mm	Depth (inches)	3.319 inch
Height	37 mm	Height (inches)	1.457 inch
Net weight	65.6 g	Width	34 mm
Width (inches)	1.339 inch		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

Chemical resistance	Substance	Acetone
	Chemical resistance	Resistant
	Substance	Ammonia, watery
	Chemical resistance	Conditionally resistant
	Substance	Petrol
	Chemical resistance	Resistant
	Substance	Benzene
	Chemical resistance	Resistant
	Substance	Diesel oil
	Chemical resistance	Conditionally resistant
	Substance	Acetic acid, concentrated
	Chemical resistance	Resistant
	Substance	Potassium hydroxide
	Chemical resistance	Conditionally resistant
	Substance	Methanol
	Chemical resistance	Conditionally resistant
	Substance	Motor oil
	Chemical resistance	Conditionally resistant
	Substance	Lye, diluted
	Chemical resistance	Resistant
	Substance	Hydrochlorofluorocarbons
	Chemical resistance	Conditionally resistant
	Substance	Outdoor use
	Chemical resistance	Conditionally resistant

Dimensions

Width	34 mm
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General data

Insulating material	PC	Insulation strength	10 ¹⁰ Ω
Number of poles	40	Plugging cycles, gold	≥ 500
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	HEEE	Size	6
Type	Female	UL 94 flammability rating	V-0
Volume resistance	≤2 mΩ		

Connection data PE

Connection type PE	Screw connection	Stripping length PE connection	10 mm
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Creation date March 24, 2021 4:56:51 AM CET

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Technical data

Version

Conductor cross-section, max.	4 mm ²	Conductor cross-section, min.	0.5 mm ²
Size	6	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

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

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Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	STEP
Engineering Data	EPLAN
Product Change Notification	20200914 Technical change to HDC HEE 4064 INSERTS