

HDC HEEE 40 FC

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

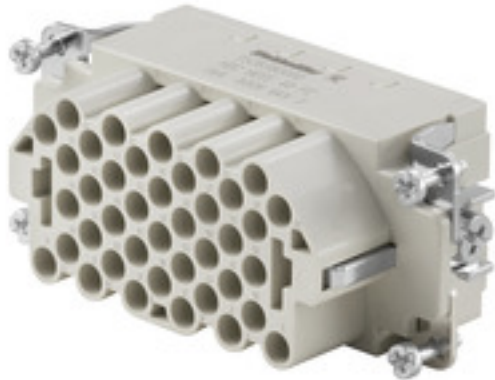
32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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
Width	34 mm	Width (inches)	1.339 inch
Net weight	65.6 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

SCIP 1609748e-c278-4c9b-b3d1-e6215d2988cd

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

Dimensions

Width 34 mm

General data

BG	6	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

Creation date September 16, 2022 7:07:11 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Connection data PE

Connection type PE	Screw connection	Stripping length PE connection	10 mm
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Version

BG	6	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
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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Downloads

Approval/Certificate/Document of Conformity	Manufacturer's declaration
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
Product Change Notification	20200914 Technical change to HDC HEEE 4064 INSERTS
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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