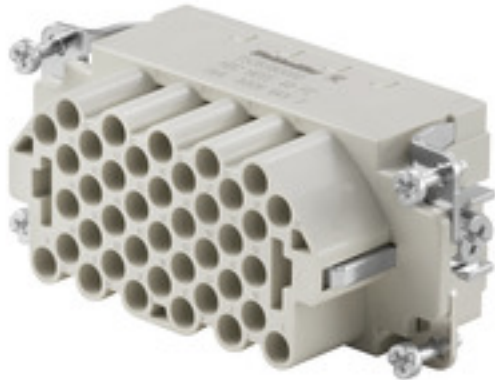


**HDC HEEE 40 FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">1528380000</a>
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
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## Dimensions

Width	34 mm
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## General data

BG	6	Colour	beige
Free from halogens	true	Insulating material	PC
Insulating material group	IIIa	Insulation strength	10 <sup>10</sup> Ω
Low smoke acc. DIN EN 45545-2	Yes	Material	Copper alloy
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	Type of connection	Crimp connection
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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## Version

BG	6	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Material	Copper alloy
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 <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.5 mm <sup>2</sup>

## Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	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

Substance	Acetone
Chemical resistance	Resistant
Substance	Ammonia, watery

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## Technical data

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

## Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@5b86fa1d de.myview.objectmodel.impl.BlockImpl@75903787 de.myview.objectmodel.impl.BlockImpl@740655cc de.myview.objectmodel.impl.BlockImpl@7773f63d de.myview.objectmodel.impl.BlockImpl@1b49bcd de.myview.objectmodel.impl.BlockImpl@6f919c3d de.myview.objectmodel.impl.BlockImpl@297f1c36 de.myview.objectmodel.impl.BlockImpl@4155d53a de.myview.objectmodel.impl.BlockImpl@17ac2e90 de.myview.objectmodel.impl.BlockImpl@74bf282c de.myview.objectmodel.impl.BlockImpl@25701421 de.myview.objectmodel.impl.BlockImpl@4a63e9b0

## Approvals

Approvals



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

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20200914 Technical change to HDC HEE 4064 INSERTS](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)