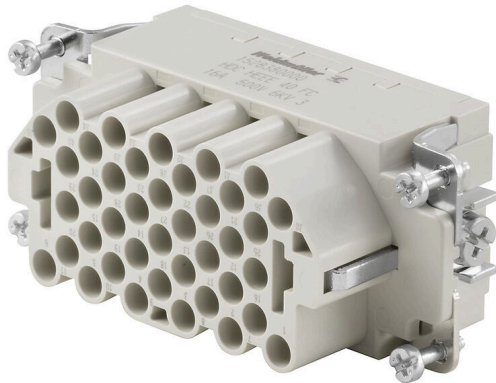


HDC HEEE 40 FC**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

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 worldwide use of the RockStar® connector.

General ordering data

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

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Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	84.3 mm	Depth (inches)	3.3189 inch
Height	37 mm	Height (inches)	1.4567 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	65.6 g		

Temperatures

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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd

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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Technical data

General data

Number of poles	40		
Plugging cycles, silver	≥ 500		
Plugging cycles, gold	≥ 500		
Type of connection	Crimp connection		
Installation size	6		
UL 94 flammability rating	V-0		
Volume resistance	≤2 mΩ		
Colour	beige		
Insulation resistance	1010 Ω		
Insulating material	PC		
Insulating material group	IIIa		
Type	Female		
Pollution severity	3		
Basic material	Copper alloy		
Series	HEEE		
Rated voltage (DIN EN 61984)	500 V		
Rated voltage according to UL/CSA	600 V AC/DC		
Rated impulse voltage (DIN EN 61984)	6 kV		
Rated current (DIN EN 61984)	16 A		
Rated current (UR)	Wire connection cross section AWG	AWG 12	
	Rated current	18 A	
	Wire connection cross section AWG	AWG 14	
	Rated current	12 A	
	Wire connection cross section AWG	AWG 16	
	Rated current	9 A	
	Wire connection cross section AWG	AWG 18	
	Rated current	7 A	
	Wire connection cross section AWG	AWG 20	
	Rated current	6 A	
	Rated current (cUR)	Wire connection cross section AWG	AWG 12
		Rated current	11 A
		Wire connection cross section AWG	AWG 14
		Rated current	8.5 A
Wire connection cross section AWG		AWG 16	
Rated current		6.5 A	
Wire connection cross section AWG		AWG 18	
Rated current		5.9 A	
Wire connection cross section AWG		AWG 20	
Rated current		4.3 A	
Free from halogens	true		
Low smoke acc. DIN EN 45545-2	Yes		
BG	6		
Number of signal contacts	0		
Number of power contacts	40		

Connection data PE

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

Wire connection cross section AWG, max.	AWG 12	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Installation size	6

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Volume resistance	≤2 mΩ	Wire connection cross section AWG, min.	AWG 20
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Conductor cross-section, max.	4 mm ²	Conductor cross-section, min.	0.5 mm ²
Basic material	Copper alloy	BG	6

Classifications

ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		