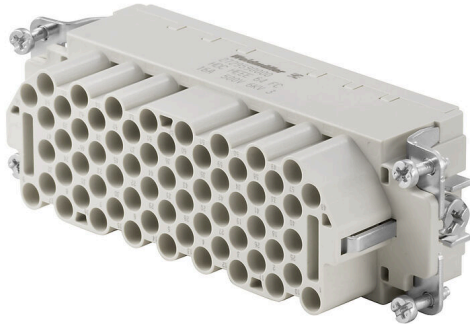


**HDC HEEE 64 FC**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

**General ordering data**

Version	HDC insert, Female, 500 V, 16 A, Number of poles: 64, Crimp connection, Installation size: 8
Order No.	<a href="#">2729590000</a>
Type	HDC HEEE 64 FC
GTIN (EAN)	4064675010456
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

Net weight 83.6 g

## Temperatures

Limit temperature -40 °C ... 125 °C

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

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

## General data

Number of poles	64		
Plugging cycles, silver	≥ 500		
Plugging cycles, gold	≥ 500		
Type of connection	Crimp connection		
Installation size	8		
UL 94 flammability rating	V-0		
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	

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## Technical data

	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	8	
Number of signal contacts	0	
Number of power contacts	64	

### 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	8
Wire connection cross section AWG, min.	AWG 20	Wire cross-section, solid, max.	4 mm <sup>2</sup>
Wire cross-section, solid, min.	0.5 mm <sup>2</sup>	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>	Conductor cross-section, max.	4 mm <sup>2</sup>
Conductor cross-section, min.	0.5 mm <sup>2</sup>	Basic material	Copper alloy
BG	8		

### 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		