

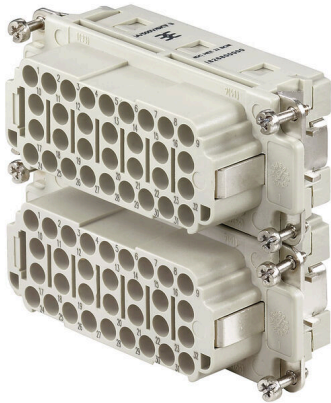
HDC HEE 32 FC 33-64**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The HEE series features high-density contacts and is designed on the basis of the established HE inserts. The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades. Crimp contacts are not included in the scope of delivery of inserts.

General ordering data

Version	HDC insert, Female, 500 V, 16 A, Number of poles: 32, Crimp connection, Installation size: 6
Order No.	1018960000
Type	HDC HEE 32 FC 33-64
GTIN (EAN)	403224873026 1
Qty.	1 items

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.3268 inch
Height	36 mm	Height (inches)	1.4173 inch
Width	34 mm	Width (inches)	1.3386 inch
Net weight	65 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	
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	Total length base	84.5 mm
Height of socket	36 mm		

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Technical data

General data

Number of poles	32	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 glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Conductor cross-section	4 mm ²
Tightening torque, max. PE connection	1.5 Nm	Type	Female
Pollution severity	3	Tightening torque, min. PE connection	1.2 Nm
Basic material	Copper alloy	Series	HEE
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
Free from halogens	true	Low smoke acc. DIN EN 45545-2	Yes
BG	6		

Connection data PE

Connection type PE	Screw connection	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Stripping length PE connection	10 mm	Blade size, crosshead	size PH1
Tightening torque, max. PE connection	1.5 Nm	Tightening torque, min. PE connection	1.2 Nm
Fixing screw	M 4	Rated cross-section	4 mm ²
Wire cross section, AWG (PE), min.	AWG 20	Wire cross section, AWG (PE), max.	AWG 12

Version

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

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Drawings

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