

HDC HEE 10 FP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The HEE series features high-density contacts and is designed based on the established HE inserts. The wire connection level is designed as a PUSH IN contact.

Number of poles: 10 - 64

Rated current: 16 A

Rated voltage: 500 V

General ordering data

Version	HDC insert, Female, 500 V, 16 A, Number of poles: 10, PUSH IN with actuator, Installation size: 3
Order No.	3125060000
Type	HDC HEE 10 FP
GTIN (EAN)	4099987279765
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E310075

Dimensions and weights

Height	32.5 mm	Height (inches)	1.2795 inch
Width	34 mm	Width (inches)	1.3386 inch
Length	51 mm	Length (inches)	2.0079 inch
Net weight	100 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

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	10	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	PUSH IN with actuator
Installation size	3	UL 94 flammability rating	V-0
Volume resistance	≤ 2 mΩ	Colour	beige
Insulation resistance	≥ 10 ¹⁰ Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Type	Female
Surge voltage category	III	Pollution severity	3
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
Rated voltage conductor-PE (III/3)	500 V	Free from halogens	true
Low smoke acc. DIN EN 45545-2	Yes	BG	3
Number of signal contacts	0	Number of power contacts	10

Connection data PE

Connection type PE	PUSH IN connection	Blade size, slotted (PE connection)	SD 0.8 x 4.0
Stripping length PE connection	10 mm	Tightening torque, max. PE connection	1.2 Nm
Tightening torque, min. PE connection	0.8 Nm	Rated cross-section	2.5 mm ²
Wire cross section, AWG (PE), min.	AWG 14	Wire cross section, AWG (PE), max.	AWG 20

Power contact

Rated current (DIN EN 61984), power contact	16 A
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Version

Type of connection	PUSH IN with actuator	Installation size	3
Volume resistance	≤ 2 mΩ	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.5 mm ²	Basic material	Copper alloy
BG	3		

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		

Drawings

