

HDC HEE 10 FP

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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

HDC HEE 10 FP

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

www.weidmueller.com

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
-------	-------

HDC HEE 10 FP

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

www.weidmueller.com

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
---	------

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		

HDC HEE 10 FP

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

www.weidmueller.com

Drawings