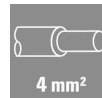
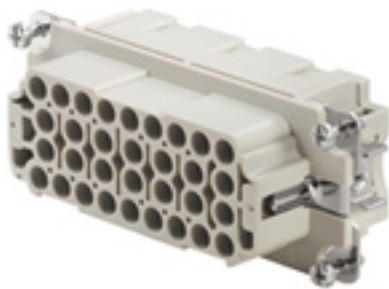


**HDC insert
HDC HEE 32 FC**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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 crimp contact. The established crimp connection has been used as a standard for decades. Crimp contacts are not delivered with the inserts.

Number of poles: **32**

Rated current: **16 A**

Rated voltage: **500 V**

Nominal voltage acc. to UL/CSA: **600 V AC/DC**

Crimp connection

General ordering data

Type	HDC HEE 32 FC
Order No.	1826800000
Version	HDC insert, Female, 500 V, 16 A, No. of poles: 32, Crimp connection, Size: 6
GTIN (EAN)	4032248330201
Qty.	1 pc(s).

HDC insert HDC HEE 32 FC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Length	84.5 mm	Width	34 mm
Height	36 mm	Net weight	74.4 g

Dimensions

Height of socket	36 mm	Total length base	84.5 mm
------------------	-------	-------------------	---------

General data

Size	6	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
UL 94 flammability rating	V-0	Insulating material group	IIIa
Insulation resistance	10 ¹⁰ Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Conductor cross-section	4 mm ²	No. of poles	32
Plugging cycles, silver	≥ 500	Plugging cycles, gold	≥ 500
Operating temperature range, min.	-40 °C	Operating temperature range, max.	125 °C
Pollution severity	3	Type	Female

Connection data PE

Stripping length PE connection	10 mm	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm ²	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section AWG, max.	AWG 12	Wire cross-section, solid, min.	0.5 mm ²
Wire cross-section, solid, max.	4 mm ²	Connection type PE	Screw connection
Tightening torque, min. PE connection	1.2 Nm	Tightening torque, max. PE connection	1.5 Nm
Rated cross-section	4 mm ²	Fixing screw	M 4
Blade size, crosshead	size PH 1	Blade size, slotted (PE connection)	SD 0.8 x 4.0

Rating data

Rated current (DIN EN 61984)	16 A	Rated impulse voltage (DIN EN 61984)	6 kV
Rated voltage (DIN EN 61984)	500 V	Rated voltage according to UL/CSA	600 V AC/DC

Version

Wire connection cross section AWG, min.	AWG 20	Wire connection cross section AWG, max.	AWG 12
Stripping length, rated connection	7.5 mm	Type of connection	Crimp connection
Size	6	Volume resistance	≤ 2 mΩ
Surface finish	Silver passivated, gold	Material	Copper alloy

**HDC insert
HDC HEE 32 FC**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data
Classifications

ETIM 2.0	EC001121	ETIM 3.0	EC001121
UNSPSC	30-21-18-01	eClass 4.1	27-14-08-05
eClass 5.1	27-14-34-19	eClass 6.2	27-26-12-04
eClass 7.1	27-44-02-05		

Product information

Descriptive text ordering data	When using connectors with high contact density, we recommend the use of guide pins and sockets; see Chapter J
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K
Description of article	Assignment 1-32
Product description	Assignment 1-32

Approvals

Approvals



ROHS

Conform

**HDC insert
HDC HEE 32 FC**

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Drawings

