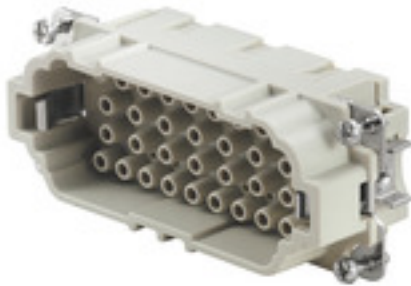


HDC HEE 32 MC**Weidmüller Interface GmbH & Co. KG**

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 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

Version	HDC insert, Male, 500 V, 16 A, Number of poles: 32, Crimp connection, Size: 6
Order No.	1826790000
Type	HDC HEE 32 MC
GTIN (EAN)	4032248330195
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	84.5 mm	Depth (inches)	3.327 inch
Height	33 mm	Height (inches)	1.299 inch
Width	34 mm	Width (inches)	1.339 inch
Net weight	56 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Dimensions

Height of plug	33 mm	Total length base	84.5 mm
Width	34 mm		

General data

BG	6	Colour	beige
Conductor cross-section	4 mm ²	Free from halogens	true
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Insulating material group	IIIa
Insulation strength	10 ¹⁰ Ω	Low smoke acc. DIN EN 45545-2	Yes
Material	Copper alloy	Number of poles	32
Plugging cycles, gold	≥ 500	Plugging cycles, silver	≥ 500
Pollution severity	3	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	Series	HEE
Size	6	Type	Male
Type of connection	Crimp connection	UL 94 flammability rating	V-0
Volume resistance	≤2 mΩ		

Connection data PE

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

Version

BG	6	Conductor cross-section, max.	4 mm ²
Conductor cross-section, min.	0.5 mm ²	Material	Copper alloy
Size	6	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤2 mΩ
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, 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 cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

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Technical data

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ECLASS 9.0	27-44-02-05	ECLASS 9.1	27-44-02-05
ECLASS 10.0	27-44-02-05	ECLASS 11.0	27-44-02-05
ECLASS 12.0	27-44-02-05	ECLASS 13.0	27-44-02-05
ECLASS 14.0	27-44-02-05		

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

Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	1609748e-c278-4c9b-b3d1-e6215d2988cd
Chemical resistance	de.myview.objectmodel.impl.BlockImpl@1f4b673f de.myview.objectmodel.impl.BlockImpl@758ede4e de.myview.objectmodel.impl.BlockImpl@f682bd4 de.myview.objectmodel.impl.BlockImpl@487e7c3d de.myview.objectmodel.impl.BlockImpl@cc89892 de.myview.objectmodel.impl.BlockImpl@fb75beb de.myview.objectmodel.impl.BlockImpl@41cff742 de.myview.objectmodel.impl.BlockImpl@7aeb4d2 de.myview.objectmodel.impl.BlockImpl@322fef15 de.myview.objectmodel.impl.BlockImpl@77292b8 de.myview.objectmodel.impl.BlockImpl@39b910f3 de.myview.objectmodel.impl.BlockImpl@1c51ae62
RoHS Compliance Status	Compliant without exemption

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

Downloads

Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings

