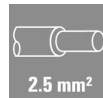


**HDC insert
HDC HE 6 FT**

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



For the tension clamp connection, the wire connection level is designed as a tension clamp element. Thus practically no servicing is required. In addition, a secure and permanent connection is established which is resistant to vibrations.

Number of poles: **6**

Rated current: **24 A**

Rated voltage: **500 V**

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

Tension clamp connection

General ordering data

Type	HDC HE 6 FT
Order No.	1745760000
Version	HDC insert, Female, 500 V, 24 A, No. of poles: 6, Tension clamp connection, Size: 3
GTIN (EAN)	4008190985486
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	51 mm	Width	34 mm
Height	33 mm	Net weight	45 g

Dimensions

Height of socket	33 mm	Total length base	51 mm
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General data

Size	3	Series	HE
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)	24 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	2.5 mm ²	No. of poles	6
Plugging cycles, silver	≥ 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 24
Wire connection cross section AWG, max.	AWG 14	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 PH1	Blade size, slotted (PE connection)	SD 0.8 x 4.0

Rating data

Rated current (DIN EN 61984)	24 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 24	Wire connection cross section AWG, max.	AWG 14
Stripping length, rated connection	8 mm	Type of connection	Tension clamp connection
Size	3	Volume resistance	≤ 2 mΩ
Blade size, slotted (screw connection)	SD 0.5 x 3.0	Surface finish	Silver passivated
Material	Copper alloy		

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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 technical data	Rated voltage 630 V / 6 kV at pollution degree 2. For 6-pole HE inserts, the rated current is 24 A.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Approvals

Approvals



ROHS	Conform
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Downloads

PDF	1745760000_HDC_HE_06_FT_STP_Blatt_1.pdf
IGES	1745760000_HDC_HE_06_FT_STP.igs
VRML	1745760000_HDC_HE_06_FT_STP.wrl
3-D model	

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Drawings