

**HDC insert
HDC HE 6 FC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

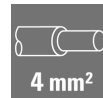
D-32758 Detmold

Germany

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www.weidmueller.com



For the crimp connection, 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: **6**

Rated current: **24 A**

Rated voltage: **500 V**

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

Crimp connection

General ordering data

Type	HDC HE 6 FC
Order No.	1201000000
Version	HDC insert, Female, 500 V, 24 A, Number of poles: 6, Crimp connection, Size: 3
GTIN (EAN)	4008190131678
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	34	Width (inches)	1.339 inch
Height	33.5 mm	Height (inches)	1.319 inch
Depth	51 mm	Depth (inches)	2.008 inch
Net weight	34 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
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Dimensions

Height of socket	33.5 mm	Total length base	51 mm
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General data

Conductor cross-section	4 mm ²	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Insulation strength	10 ¹⁰ Ω
Number of poles	6	Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500	Pollution severity	3
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
Series	HE	Size	3
Type	Female	UL 94 flammability rating	V-0
Volume resistance	≤ 2mΩ		

Connection data PE

Blade size, crosshead	size PH 1	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 connection cross section, finely stranded, max.	4 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 connection cross-section, finely stranded, min.	0.5 mm ²
Wire cross section, AWG (PE), max.	AWG 12	Wire cross section, AWG (PE), min.	AWG 20
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

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Technical data

Version

Conductor cross-section, max.	4 mm ²	Conductor cross-section, min.	0.5 mm ²
Size	3	Stripping length, rated connection	7.5 mm
Type of connection	Crimp connection	Volume resistance	≤ 2mΩ
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 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 connection cross-section, finely stranded, min.	0.5 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire cross-section, solid, min.	0.5 mm ²

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
eClass 9.0	27-44-02-05	eClass 9.1	27-44-02-05
eClass 10.0	27-44-02-05	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 3 HDC 17/18 EN FL FIELDWIRING EN
Engineering Data	EPLAN.WSCAD
Engineering Data	STEP
Technical Documentation	1201000000 HDC HE 06 FC STP Blatt 1.pdf

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Drawings

