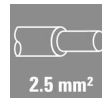


**HDC insert
HDC HA 16 MT**

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 small and thin HA series can be used wherever space is limited.

The wire connection level is designed for crimp contacts. Thus practically no servicing is required. In addition, a secure and permanent connection is established which is resistant to vibrations.

Pole count: 48

Rated current: 16 A

Rated voltage 250 V

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

Tension clamp connection

General ordering data

Type	HDC HA 16 MT
Order No.	1896830000
Version	HDC insert, Male, 250 V, 22 A, No. of poles: 16, Tension clamp connection, Size: 5
GTIN (EAN)	4032248592432
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	73 mm	Width	23 mm
Height	29 mm	Net weight	59 g

Dimensions

Height of plug	29 mm	Total length base	73 mm
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General data

Size	5	Series	HA
Rated voltage (DIN EN 61984)	250 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	4 kV	Rated current (DIN EN 61984)	22 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	16
Plugging cycles, silver	≥ 500	Operating temperature range, min.	-40 °C
Operating temperature range, max.	125 °C	Pollution severity	3
Type	Male		

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.	2.5 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.	2.5 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.	2.5 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	2.5 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)	22 A	Rated impulse voltage (DIN EN 61984)	4 kV
Rated voltage (DIN EN 61984)	250 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	5	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 3.0	EC001121	UNSPSC	30-21-18-01
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 320 V / 4 kV at pollution degree 2
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Approvals

Approvals



ROHS Conform

Downloads

PDF	1896830000_HDC_HA_16_MT_STP_Blatt__1.pdf
IGES	1896830000_HDC_HA_16_MT_STP.igs
VRML	1896830000_HDC_HA_16_MT_STP.wrl
3-D model	