

HDC insert HDC HD 7 MC

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 HD range features a high density of contacts. It is thus optimally suited for signal processing.
 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: **7 - 8**
 Rated current: **10 A**
 Rated voltage: **42/250 V**
 Nominal voltage acc. to UL/CSA: **600 V AC/DC**
 Crimp connection

General ordering data

Type	HDC HD 7 MC
Order No.	1650570000
Version	HDC insert, Male, 250 V, 10 A, No. of poles: 7, Crimp connection, Size: 1
GTIN (EAN)	4008190870942
Qty.	1 pc(s).

HDC insert HDC HD 7 MC

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

Technische Daten

Dimensions and weights

Length	21 mm	Width	21 mm
Height	34 mm	Net weight	10 g

Dimensions

Height of plug	34 mm	Total length base	21 mm
----------------	-------	-------------------	-------

General data

Size	1	Series	HD
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)	10 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	7
Plugging cycles, silver	≥ 500	Plugging cycles, gold	≥ 500
Pollution severity	3	Type	Male

Connection data PE

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 26	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
Rated cross-section	2.5 mm ²		

Rating data

Rated current (DIN EN 61984)	10 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 26	Wire connection cross section AWG, max.	AWG 14
Stripping length, rated connection	8 mm	Type of connection	Crimp connection
Size	1	Volume resistance	≤ 4mΩ
Surface finish	Silver passivated, gold	Material	Copper alloy

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		

Datenblatt

**HDC insert
HDC HD 7 MC**

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

Technische Daten

Product information

Descriptive text technical data	HD 7 insert with protective earth connection only via the plug/socket contact. Only for use in plastic housings
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Approvals

Approvals



ROHS Conform

**HDC insert
HDC HD 7 MC**

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

Zeichnungen