

**HDC insert
HDC HD 7 MC**

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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).

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Technical data

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
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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

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 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	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 PZ1	Blade size, slotted (PE connection)	SD 0.6 x 3.5, SD 0.8 x 4.0

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	≤ 4 mΩ
Surface finish	Silver passivated, gold	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	HD 7 insert with protective earth connection only via the plug/socket contact.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K
Description of article	For turned contacts
Product description	For turned contacts

Approvals

Approvals



ROHS

Conform