

HDC insert
HDC HD 25 FC

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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: **25**
 Rated current: **10 A**
 Rated voltage: **250 V**
 Nominal voltage acc. to UL/CSA: **600 V AC/DC**
 Crimp connection

General ordering data

Type	HDC HD 25 FC
Order No.	1650820000
Version	HDC insert, Female, 250 V, 10 A, No. of poles: 25, Crimp connection, Size: 5
GTIN (EAN)	4008190299446
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	73 mm	Width	23 mm
Height	33.8 mm	Net weight	47 g

Dimensions

Height of socket	33.8 mm	Total length base	73 mm
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General data

Size	5	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	$10^{10} \Omega$	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Conductor cross-section	2.5 mm ²	No. of poles	25
Plugging cycles, silver	≥ 500	Plugging cycles, gold	≥ 500
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.	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	5	Volume resistance	≤ 4mΩ
Surface finish	Silver passivated, gold	Material	Copper alloy

Data sheet

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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 ordering data	Please use this insert type doubled for size 7 (50-pole). We recommend the use of guide pins and sockets.
Descriptive text accessories	Accessories, see chapter J - Tools, see chapter K

Approvals

Approvals



ROHS	Conform
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Data sheet

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Drawings

