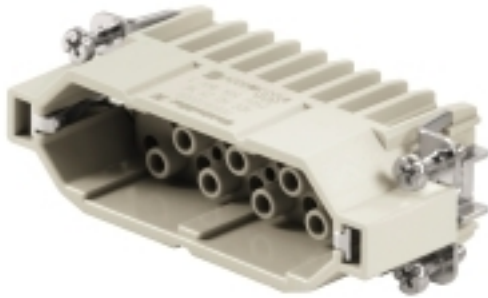


HDC HD 25 MC Z**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

The HD series features high-density contacts and is thus ideally suited to signal processing.

The wire connection level is designed for crimp contacts. The proven crimp connection method has been in standard use for decades.

Crimp contacts are not included in the scope of delivery of inserts.

Crimp connection

General ordering data

Version	HDC insert, Pin, 250 V, 10 A, Number of poles: 25, Crimp connection, Size: 5, 7
Order No.	1023040000
Type	HDC HD 25 MC Z
GTIN (EAN)	4032248738618
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	35 mm	Height (inches)	1.378 inch
Width	23 mm	Width (inches)	0.906 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	
Chemical resistance	Substance	Acetone
	Chemical resistance	Resistant
	Substance	Ammonia, watery
	Chemical resistance	Conditionally resistant
	Substance	Petrol
	Chemical resistance	Resistant
	Substance	Benzene
	Chemical resistance	Resistant
	Substance	Diesel oil
	Chemical resistance	Conditionally resistant
	Substance	Acetic acid, concentrated
	Chemical resistance	Resistant
	Substance	Potassium hydroxide
	Chemical resistance	Conditionally resistant
	Substance	Methanol
	Chemical resistance	Conditionally resistant
	Substance	Motor oil
	Chemical resistance	Conditionally resistant
	Substance	Lye, diluted
	Chemical resistance	Resistant
	Substance	Hydrochlorofluorocarbons
	Chemical resistance	Conditionally resistant
	Substance	Outdoor use
	Chemical resistance	Conditionally resistant

Dimensions

Height of plug	35 mm	Total length base	73 mm
Width	23 mm		

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Technical data

General data

BG	5, 7	Conductor cross-section	2.5 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	25
Plugging cycles, gold	≥ 500	Plugging cycles, silver	≥ 500
Pollution severity	3	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	Series	HD
Size	5, 7	Type	Pin
UL 94 flammability rating	V-0	Volume resistance	≤4 mΩ

Connection data PE

Blade size, slotted (PE connection)	SD 0.6 x 3.5, SD 0.8 x 4.0	Connection type PE	Screw connection
Fixing screw	M 4	Rated cross-section	2.5 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 cross section, AWG (PE), max.	AWG 14
Wire cross section, AWG (PE), min.	AWG 20		

Version

BG	5, 7	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.14 mm ²	Size	5, 7
Stripping length, rated connection	8 mm	Type of connection	Crimp connection
Volume resistance	≤4 mΩ	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire cross-section, solid, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²		

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ECLASS 9.0	27-44-02-05
ECLASS 9.1	27-44-02-05	ECLASS 10.0	27-44-02-05
ECLASS 11.0	27-44-02-05		

Approvals

Approvals



ROHS

Conform

HDC HD 25 MC Z

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[Manufacturer's declaration](#)

Engineering Data

[CAD data – STEP](#)

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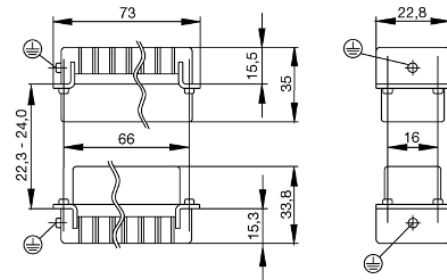
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www.weidmueller.com**Drawings**

HDC HD 25 MC Z**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Crosshead screwdriver Pozidriv**

VDE insulated crosshead screwdriver type Pozidriv SDIK PZ DIN 7438, ISO 8764/2-PZ, output to ISO 8764-PZ, SoftFinish grip

General ordering data

Type	SDIK PZ1	Version
Order No.	9008900000	Screwdriver, Screwdriver
GTIN (EAN)	4032248266685	
Qty.	1 pc(s).	

Crosshead screwdriver Pozidriv

Crosshead screwdriver, Pozidriv, SDK PZ DIN 5262, ISO 8764/2-PZ, output to ISO 8764/1-PZ, ChromTop tip, SoftFinish grip

General ordering data

Type	SDK PZ1	Version
Order No.	9008530000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056521	
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****Slotted screwdriver**

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 0.6X3.5X100	Version
Order No.	9008390000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 pc(s).	
Type	SDIS 0.8X4.0X100	Version
Order No.	9008400000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056361	
Qty.	1 pc(s).	

Contact removal tools

Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

Type	REMOVAL TOOL HD	Version
Order No.	1866730000	Tools, Contact Removal Tool
GTIN (EAN)	4032248437054	
Qty.	1 pc(s).	

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Accessories

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.8X4.0X100	Version
Order No.	9008340000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056293	
Qty.	1 pc(s).	
Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

Crimping tools



Crimping tools for turned contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

General ordering data

Type	CTIN CM 1.6/2.5	Version
Order No.	9205430000	Pressing tool, Crimping tool for contacts, 0.14mm², 6mm², 4-indent
GTIN (EAN)	4032248733446	crimp
Qty.	1 pc(s).	
Type	CTX CM 1.6/2.5	Version
Order No.	9018490000	Pressing tool, Crimping tool for contacts, 0.14mm², 4mm², W crimp
GTIN (EAN)	4008190884598	
Qty.	1 pc(s).	

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Accessories

DSTV



Various accessories are available for our inserts. This includes coding elements for the inserts.

General ordering data

Type	DSTV COBU5	Version
Order No.	1471500000	Heavy-duty connectors, Accessories, Coding element
GTIN (EAN)	4008190178543	
Qty.	100 pc(s).	
Type	DSTV COST4	Version
Order No.	1471300000	Heavy-duty connectors, Accessories, Coding System
GTIN (EAN)	4008190017354	
Qty.	100 pc(s).	

Crimp contacts HD



Crimps provide a electrical and mechanical connection between wire and contact that is both secure and reliable. The optimal crimp connection is gas-tight and corrosion-resistant.

General ordering data

Type	HDC-C-HD-SM0.5AU	Version
Order No.	1651630000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400309	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.14-0.37AG	Version
Order No.	1651520000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400194	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.75-1.00AU	Version
Order No.	1651640000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400316	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM2.5AU	Version
Order No.	1651660000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400330	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).	

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Accessories

Type	HDC-C-HD-SM0.5AG	Version
Order No.	1651530000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400200	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM1.5AG	Version
Order No.	1651550000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400224	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.75-1.00AG	Version
Order No.	1601750000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190134280	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM2.5AG	Version
Order No.	1651560000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400231	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM0.14-0.37AU	Version
Order No.	1651620000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400293	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-SM1.5AU	Version
Order No.	1651650000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Pin,
GTIN (EAN)	4008190400323	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	

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