

HDC HQ 12 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

The HQ series - big features in a compact design. The electrical characteristics speak for themselves. 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, Female, 400 V, 10 A, Number of poles: 12, Crimp connection, Size: 1
Order No.	1993820000
Type	HDC HQ 12 FC
GTIN (EAN)	4050118378924
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	21 mm	Depth (inches)	0.827 inch
Height	42.8 mm	Height (inches)	1.685 inch
Width	21 mm	Width (inches)	0.827 inch
Net weight	12 g		

Temperatures

Limit temperature	-40 °C ... 120 °C
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Dimensions

Width	21 mm
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General data

BG	1	Colour	black
Free from halogens	false	Insulating material	PA GF
Low smoke acc. DIN EN 45545-2	Yes	Number of poles	12
Number of signal contacts	12	Plugging cycles, gold	≥ 500
Plugging cycles, silver	≥ 500	Pollution severity	3
Protection degree	IP65 with corresponding housing	Rated current (DIN EN 61984)	10 A
Rated impulse voltage (DIN EN 61984)	6 kV	Rated voltage (DIN EN 61984)	400 V
Series	HQ	Signal contact, type	HD
Size	1	Type	Female
Type of connection	Crimp connection	UL 94 flammability rating	V-0

Connection data PE

Connection type PE	Screw connection	Tightening torque, max. PE connection	0.7 Nm
Tightening torque, min. PE connection	0.5 Nm		

Version

BG	1	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.14 mm ²	Size	1
Type of connection	Crimp connection	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²		

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	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
ECLASS 12.0	27-44-02-05	ECLASS 13.0	27-44-02-05

Substance	Acetone
Chemical resistance	Resistant
Substance	Ammonia, watery
Chemical resistance	Resistant

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Substance	Petrol
Chemical resistance	Resistant
Substance	Diesel oil
Chemical resistance	Resistant
Substance	Acetic acid, concentrated
Chemical resistance	Conditionally resistant
Substance	Potassium hydroxide
Chemical resistance	Resistant
Substance	Methanol
Chemical resistance	Resistant
Substance	Motor oil
Chemical resistance	Resistant
Substance	Lye, diluted
Chemical resistance	Conditionally resistant
Substance	Hydrochlorofluorocarbons
Chemical resistance	Conditionally resistant
Substance	Outdoor use
Chemical resistance	Conditionally resistant

Approvals

ROHS	Conform
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Downloads

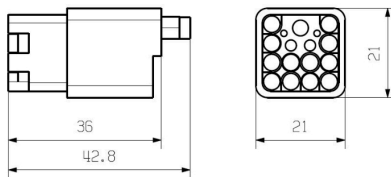
Engineering Data	CAD data – STEP
User Documentation	61348_HDC_HQ_12_FC_00_BLATT.pdf
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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Drawings



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Accessories

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-BM0.5AG	Version
Order No.	1651580000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400255	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM0.14-0.37AG	Version
Order No.	1651570000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400248	Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM0.75-1.00AU	Version
Order No.	1651690000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400361	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM0.14-0.37AU	Version
Order No.	1651670000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400347	Female, Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM1.5AU	Version
Order No.	1651700000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400378	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM0.75-1.00AG	Version
Order No.	1601760000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190158354	Female, Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM1.5AG	Version
Order No.	1651600000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400279	Female, Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 pc(s).	
Type	HDC-C-HD-BM0.5AU	Version
Order No.	1651680000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate,
GTIN (EAN)	4008190400354	Female, Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 pc(s).	