

HDC HQ 4 MC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, Male, 830 V, 40 A, Number of poles: 4, Crimp contact, Size: 1
Order No.	3103540000
Type	HDC HQ 4 MC
GTIN (EAN)	4099987151283
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	21 mm	Depth (inches)	0.827 inch
Height	40 mm	Height (inches)	1.575 inch
Net weight	18.3 g		

Dimensions

Height of plug	21 mm
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General data

BG	1	Colour	grey
Free from halogens	false	Insulating material	PC
Number of poles	4	Plugging cycles	≥ 500
Pollution severity	3	Rated current (DIN EN 61984)	40 A
Rated impulse voltage (DIN EN 61984)	8 kV	Rated voltage (DIN EN 61984)	830 V
Series	HQ	Size	1
Surge voltage category	III	Type	Male
Type of connection	Crimp contact	UL 94 flammability rating	V-0
Protection degree	IP20		

Power contact

Stripping length according to the cable diameter	Stripping length	9 mm
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Version

BG	1	Conductor cross-section, max.	6 mm ²
Conductor cross-section, min.	1.5 mm ²	Size	1
Type of connection	Crimp contact		

Classifications

ETIM 6.0	EC002312	ETIM 7.0	EC002312
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	EC000438	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-02-18	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92	ECLASS 12.0	27-44-02-92
ECLASS 13.0	27-44-02-92	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E92202

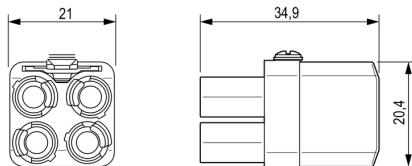
DownloadsEngineering Data [CAD data – STEP](#)Catalogues [Catalogues in PDF-format](#)

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Drawings



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www.weidmueller.com**Accessories****Combined screwing and cutting tool "Swiftly®"**

Combined cutting/screwing tool: Swiftly® and Swiftly® set for clean cutting of copper cables up to 1.5 mm² (solid) and 2.5 mm² (flexible)

**General ordering data**

Type	SWIFTY SET	Version
Order No.	9006060000	Cutting and screwing-tool, Cutting tool for one-hand operation
GTIN (EAN)	4032248257638	
Qty.	1 pc(s).	

4-pole

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General ordering data

Type	HDC HQ 4 FC	Version
Order No.	3103550000	HDC insert, Female, 830 V, 40 A, Number of poles: 4, Crimp contact,
GTIN (EAN)	4099987151559	Size: 1
Qty.	1 pc(s).	

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Accessories

Crimp contacts HX



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 HX BM10.0AG	Version
Order No.	1526190000	Heavy-duty connectors, Crimp contact, HQ, Female, Conductor cross-
GTIN (EAN)	4050118332087	section, max.: 8, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX SM1.5AG	Version
Order No.	1002910000	Heavy-duty connectors, Crimp contact, MixMate, Male, Conductor
GTIN (EAN)	4032248697090	cross-section, max.: 1.5, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX SM2.5AG	Version
Order No.	1002920000	Heavy-duty connectors, Crimp contact, MixMate, Male, Conductor
GTIN (EAN)	4032248697106	cross-section, max.: 2.5, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX SM4.0AG	Version
Order No.	1002930000	Heavy-duty connectors, Crimp contact, MixMate, Male, Conductor
GTIN (EAN)	4032248697212	cross-section, max.: 4, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX SM6.0AG	Version
Order No.	1002940000	Heavy-duty connectors, Crimp contact, MixMate, Male, Conductor
GTIN (EAN)	4032248697229	cross-section, max.: 6, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM4.0AG	Version
Order No.	1002970000	Heavy-duty connectors, Crimp contact, HQ, MixMate, Female,
GTIN (EAN)	4032248697250	Conductor cross-section, max.: 4, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX SM10.0AG	Version
Order No.	1526150000	Heavy-duty connectors, Crimp contact, HQ, Male, Conductor cross-
GTIN (EAN)	4050118332131	section, max.: 8, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM1.5AG	Version
Order No.	1002950000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697236	cross-section, max.: 1.5, turned, Copper alloy
Qty.	25 pc(s).	
Type	HDC C HX BM2.5AG	Version
Order No.	1002960000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697243	cross-section, max.: 2.5, turned, Copper alloy
Qty.	25 pc(s).	

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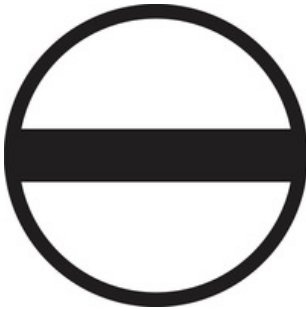
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Accessories

Type	HDC C HX BM6.0AG	Version
Order No.	1002980000	Heavy-duty connectors, Crimp contact, MixMate, Female, Conductor
GTIN (EAN)	4032248697267	cross-section, max.: 6, turned, Copper alloy
Qty.	25 pc(s).	

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 0.5X3.0X100	Version
Order No.	9008380000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056347	
Qty.	1 pc(s).	
Type	SDIS 0.8X4.0X100	Version
Order No.	9008400000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056361	
Qty.	1 pc(s).	
Type	SDIS 0.6X3.5X100	Version
Order No.	9008390000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056354	
Qty.	1 pc(s).	

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 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	
Type	SDS 0.5X3.0X80	Version
Order No.	9008320000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056262	
Qty.	1 pc(s).	

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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Accessories

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