

HDC HQ 17 MC

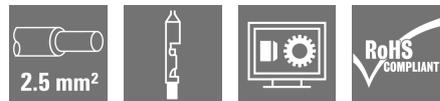
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The HQ series - big features in a compact design The electrical values speak for themselves. The standard HE crimp contacts can also be used here.

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.

Pole count: 17 (+PE)

Rated current: 10 A

Rated voltage 250 V

Nominal voltage acc. to UL/CSA: 600 V AC/DC

Crimp connection

General ordering data

Version	HDC insert, Male, 250 V, 10 A, Number of poles: 17, Crimp connection, Size: HQ
Order No.	1003210000
Type	HDC HQ 17 MC
GTIN (EAN)	4032248698202
Qty.	1 ST

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E92202

Dimensions and weights

Depth	41.6 mm	Depth (inches)	1.6378 inch
Height	38.7 mm	Height (inches)	1.5236 inch
Width	22.4 mm	Width (inches)	0.8819 inch
Net weight	14.96 g		

Temperatures

Limit temperature	-40 °C ... 125 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	90e73fd4-d5ee-4f53-95e4-fe79a5c92ace

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

Width	22.4 mm	Total length base	41.6 mm
Height of plug	38.7 mm		

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Technical data

General data

Number of poles	17	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	Crimp connection
Size	HQ	UL 94 flammability rating	V-0
Volume resistance	≤4 mΩ	Colour	beige
Insulation strength	1010 Ω	Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)
Insulating material group	IIIa	Type	Male
Pollution severity	2	Material	Copper alloy
Series	HQ	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	Free from halogens	false
Low smoke acc. DIN EN 45545-2	Yes	BG	HQ

Connection data PE

Connection type PE	Crimp connection	Stripping length PE connection	8 mm
Rated cross-section	2.5 mm ²	Wire cross section, AWG (PE), min.	AWG 26
Wire cross section, AWG (PE), max.	AWG 14		

Version

Wire connection cross section AWG, max.	AWG 14	Stripping length, rated connection	8 mm
Type of connection	Crimp connection	Size	HQ
Volume resistance	≤4 mΩ	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.	0.14 mm ²
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.14 mm ²
Material	Copper alloy	BG	HQ

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC000438
ETIM 8.0	EC000438	ETIM 9.0	EC000438
ETIM 10.0	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	ECLASS 14.0	27-44-02-05
ECLASS 15.0	27-44-02-05		

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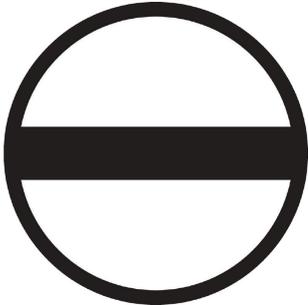
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Accessories

Slotted screwdriver

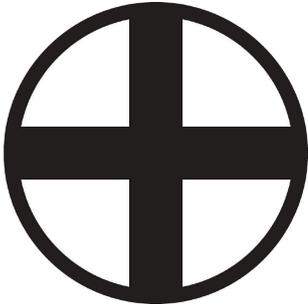


VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 0.6X3.5X100	Version	
Order No.	9008390000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056354		
Qty.	1 ST		
Type	SDS 0.6X3.5X100	Version	
Order No.	9008330000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056286		
Qty.	1 ST		

Crosshead screwdriver Phillips



VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH0	Version	
Order No.	9008560000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056552		
Qty.	1 ST		
Type	SDK PH0	Version	
Order No.	9008470000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056460		
Qty.	1 ST		

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Accessories

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	CTX CM 1.6/2.5	Version	
Order No.	9018490000	Version	Pressing tool, Crimping tool for contacts, 0.14mm ² , 4mm ² , W crimp
GTIN (EAN)	4008190884598		
Qty.	1 ST		
Type	CTIN CM 1.6/2.5	Version	
Order No.	9205430000	Version	Pressing tool, Crimping tool for contacts, 0.14mm ² , 6mm ² , 4-indent crimp
GTIN (EAN)	4032248733446		
Qty.	1 ST		

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	Version	Tools, Contact Removal Tool
GTIN (EAN)	4032248437054		
Qty.	1 ST		

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.

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Accessories

General ordering data

Type	HDC-C-HD-SM0.14-0.37AG	Version
Order No.	1651520000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400194	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.5AG	Version
Order No.	1651530000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400200	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.75-1.00AG	Version
Order No.	1601750000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190134280	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM1.5AG	Version
Order No.	1651550000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400224	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM2.5AG	Version
Order No.	1651560000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400231	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.14-0.37AU	Version
Order No.	1651620000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400293	Conductor cross-section, max.: 0.37, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.5AU	Version
Order No.	1651630000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400309	Conductor cross-section, max.: 0.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM0.75-1.00AU	Version
Order No.	1651640000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400316	Conductor cross-section, max.: 1, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM1.5AU	Version
Order No.	1651650000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400323	Conductor cross-section, max.: 1.5, turned, Copper alloy
Qty.	100 ST	
Type	HDC-C-HD-SM2.5AU	Version
Order No.	1651660000	Heavy-duty connectors, Crimp contact, HD, HDD, HQ, MixMate, Male,
GTIN (EAN)	4008190400330	Conductor cross-section, max.: 2.5, turned, Copper alloy
Qty.	100 ST	

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Accessories

Plug housing, cable entry sideways



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection. The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.

General ordering data

Type	HDC HQM TSLU 1PG21	Version	
Order No.	1003100000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Cable entry from side, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21	
GTIN (EAN)	4032248698035		
Qty.	1 ST		

Plug housing, cable entry at top



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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General ordering data

Type	HDC HQM TOLU 1PG21	Version	
Order No.	1003080000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Cable entry from top, Plug housing, Side-locking clamp on lower side, Standard, Size of cable entries: PG 21	
GTIN (EAN)	4032248698011		
Qty.	1 ST		

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Accessories

Bulkhead housing



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General ordering data

Type	HDC HQM ALU	Version
Order No.	1003050000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4032248697984	
Qty.	1 ST	Standard
Type	HDC HQM ALU CS	Version
Order No.	1251680000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side,
GTIN (EAN)	4050118051803	
Qty.	1 ST	Standard

Plug housing, cable entry sideways



The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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Accessories

General ordering data

Type	HDC HQP TSLU 1PG16	Version
Order No.	1003090000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged
GTIN (EAN)	4032248698028	condition, Cable entry from side, Plug housing, Side-locking clamp on
Qty.	1 ST	lower side, Standard, Size of cable entries: PG 16

Plug housing, cable entry at top



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection. The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.

General ordering data

Type	HDC HQP TOLU 1PG16	Version
Order No.	1003070000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged
GTIN (EAN)	4032248698004	condition, Cable entry from top, Plug housing, Side-locking clamp on
Qty.	1 ST	lower side, Standard, Size of cable entries: PG 16

Coupling housing

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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Accessories

General ordering data

Type	HDC HQP KOLU 1PG16	Version
Order No.	1003120000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side,
GTIN (EAN)	4032248698059	Standard, Size of cable entries: PG 16
Qty.	1 ST	

Base housing

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

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General ordering data

Type	HDC HQP SLU 1PG16	Version
Order No.	1003110000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Base housing, Side-locking clamp on lower side, Standard,
GTIN (EAN)	4032248698042	Size of cable entries: PG 16
Qty.	1 ST	

Bulkhead housing

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Accessories

General ordering data

Type	HDC HQP ALU	Version
Order No.	1003040000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4032248697977	
Qty.	1 ST	
Type	HDC HQP ALU CS	Version
Order No.	1354950000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4050118157215	
Qty.	1 ST	

Angled bulkhead housing



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Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection. The HQ version now offers particular protection - the bulkhead housing (cover and metal clamp) can be secured with a padlock.

General ordering data

Type	HDC HQP AWLU	Version
Order No.	1003060000	HDC enclosures, Size: HQ, Protection degree: IP65, in plugged condition, Bulkhead housing, Side-locking clamp on lower side, Standard
GTIN (EAN)	4032248697991	
Qty.	1 ST	