

HDC HQ 5 MP**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 wire connection level is designed as a PUSH IN contact.

Pole count: 5, 8

Rated current: 16 A

Rated voltage: 250 V, 500 V

General ordering data

Version	HDC insert, Male, 230 V, 16 A, Number of poles: 5, PUSH IN with actuator, Installation size: 1
Order No.	3023900000
Type	HDC HQ 5 MP
GTIN (EAN)	4099986946484
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Height	41 mm	Height (inches)	1.6142 inch
Width	21 mm	Width (inches)	0.8268 inch
Length	21 mm	Length (inches)	0.8268 inch
Net weight	50 g		

Temperatures

Limit temperature -40 °C ... 125 °C

Environmental Product Compliance

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

Dimensions

Width	21 mm	Total length base	21 mm
Height of plug	38 mm		

General data

Number of poles	5	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	PUSH IN with actuator
Installation size	1	UL 94 flammability rating	V-0
Volume resistance	≤2 mΩ	Colour	beige
Insulating material	PC glass-fibre reinforced (UL-listed and railway-certified)	Tightening torque, max. PE connection	0.55 Nm
Type	Male	Surge voltage category	III
Pollution severity	3	Tightening torque, min. PE connection	0.5 Nm
Basic material	Copper alloy	Series	HQ
Rated voltage (DIN EN 61984)	230 V	Rated voltage according to UL/CSA	600 V AC/DC
Rated impulse voltage (DIN EN 61984)	6 kV	Rated current (DIN EN 61984)	16 A
Free from halogens	false	Low smoke acc. DIN EN 45545-2	Yes
BG	1	Number of power contacts	5

Connection data PE

Connection type PE	Screw connection	Tightening torque, max. PE connection	0.55 Nm
Tightening torque, min. PE connection	0.5 Nm	Rated cross-section	2.5 mm ²
Wire cross section, AWG (PE), min.	AWG 14	Wire cross section, AWG (PE), max.	AWG 20

Power contact

Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
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Signal contact

Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.5 Nm
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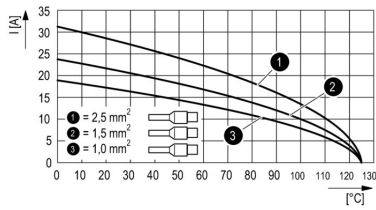
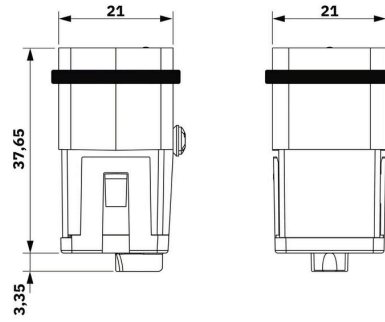
Version

Wire connection cross section AWG, max.	AWG 20	Stripping length, rated connection	10 mm
Type of connection	PUSH IN with actuator	Installation size	1
Volume resistance	≤2 mΩ	Wire connection cross section AWG, min.	AWG 14
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 connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Conductor cross-section, max.	2.5 mm ²	Conductor cross-section, min.	0.5 mm ²
Basic material	Copper alloy	BG	1

Classifications

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

Drawings



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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 0.5X3.0X100	Version
Order No.	9008380000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056347	
Qty.	1 ST	
Type	SDS 0.5X3.0X80	Version
Order No.	9008320000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056262	
Qty.	1 ST	
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	
Type	SDIS 0.8X4.0X100	Version
Order No.	9008400000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056361	
Qty.	1 ST	
Type	SDS 0.8X4.0X100	Version
Order No.	9008340000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056293	
Qty.	1 ST	

Combined screwing and cutting tool "Swifty® CS"



Combined cutting/stripping tool Swifty® CS and Swifty® CS set for crimp-free cutting and stripping of copper cables up to 1.5 mm² solid and 2.5 mm² flexible.

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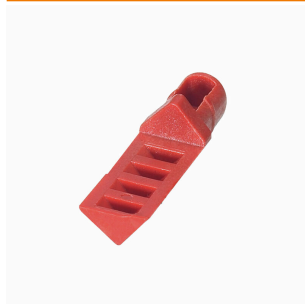
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Accessories

General ordering data

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

HA



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

General ordering data

Type	HDC HA 3/4 HQ5 PUSHIN CP	Version	
Order No.	3142030000	Heavy-duty connectors, Accessories, Coding System	
GTIN (EAN)	4099987491730		
Qty.	10 ST		

5-pole



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Qty.	1 ST		