HDC HQ 4 FC

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.

General ordering data

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

HDC HQ 4 FC

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E92202
Certificate No. (cURus)	E310075

Dimensions and weights

Depth	21 mm	Depth (inches)	0.8268 inch
Height	34.8 mm	Height (inches)	1.3701 inch
Diameter	4 mm	Net weight	18.3 g

Environmental Product Compliance

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

Dimensions

Height of plug	21 mm

General data

Number of poles	4	Plugging cycles, silver	≥ 500
Plugging cycles, gold	≥ 500	Type of connection	Crimp contact
Installation size	1	UL 94 flammability rating	V-0
Colour	grey	Insulating material	PC
Surface finish	Miscellaneous	Plugging cycles	≥ 500
Type	Female	Surge voltage category	III
Pollution severity	3	Basic material	Polycarbonate
Series	HQ	Rated voltage (DIN EN 61984)	830 V
Rated impulse voltage (DIN EN 61984)	8 kV	Rated current (DIN EN 61984)	40 A
Free from halogens	false	BG	1
Number of signal contacts	0	Number of power contacts	4
Protection degree	IP20		

Power contact

Stripping length according to the cable diameter	Stripping length		9.00 mm

Version

Type of connection	Crimp contact	Installation size	1
Conductor cross-section, max.	6 mm²	Conductor cross-section, min.	1.5 mm²
Surface finish	Miscellaneous	Basic material	Polycarbonate
BG	1		

Classifications

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

Creation date 21.12.2025 01:39:36 MEZ

HDC HQ 4 FC

Technical data

ECLASS 15.0	27-44-02-05
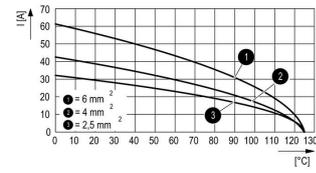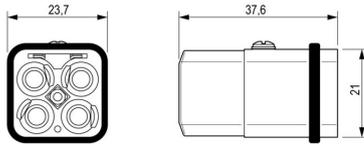
HDC HQ 4 FC

Drawings

23,7 37,6 21

I [A]

70
60
50
40
30
20
10
0

● = 6 mm²
● = 4 mm²
● = 2,5 mm²

0 10 20 30 40 50 60 70 80 90 100 110 120 130

[°C]

HDC HQ 4 FC

Accessories

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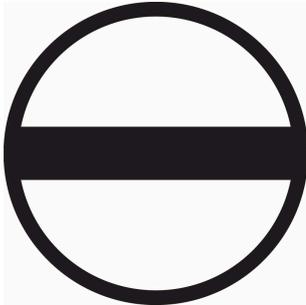
VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

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.

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		

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 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 ST		
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 ST		
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 ST		
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 ST		
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 ST		
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 ST		
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 ST		
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 ST		

Accessories

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 ST		
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 ST		

4-pole

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General ordering data

Type	HDC HQ 4 MC	Version	
Order No.	3103540000	HDC insert, Male, 830 V, 40 A, Number of poles: 4, Crimp contact,	
GTIN (EAN)	4099987151283	Installation size: 1	
Qty.	1 ST		

HA

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

General ordering data

Type	HDC HA3/4 HQ5 PUSHIN CP	Version	
Order No.	3142030000	Heavy-duty connectors, Accessories	
GTIN (EAN)	4099987491730		
Qty.	10 ST		