

HDC HQ 4 FC**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.

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 |

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 mm ² | Conductor cross-section, min. | 1.5 mm ² |
| Surface finish | Miscellaneous | Basic material | Polycarbonate |
| BG | 1 | | |

Classifications

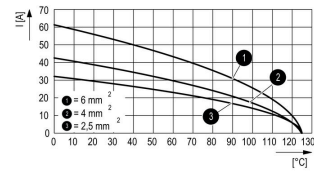
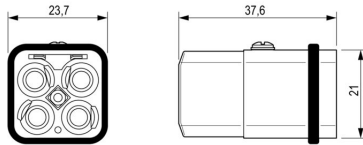
| | | | |
|-----------|----------|-------------|-------------|
| ETIM 8.0 | EC000438 | ETIM 9.0 | EC000438 |
| ETIM 10.0 | EC000438 | ECLASS 14.0 | 27-44-02-05 |

Technical data

ECLASS 15.0

27-44-02-05

Drawings



HDC HQ 4 FC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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.

HDC HQ 4 FC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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 | |

HDC HQ 4 FC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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



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

| | | |
|------------|----------------------------|---|
| 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 | |