

HDC HQ 8 FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



A small size but quite big. The electrical values speak for themselves. Proven HE crimp contacts can also be used here.

Pole count: **8 (+PE)**Rated current: **16 A**Rated voltage: **500 V**Nominal voltage acc. to UL/CSA: **600 V AC/DC**

Crimp connection

General ordering data

| | |
|------------|---|
| Version | HDC insert, Female, 500 V, 16 A, Number of poles: 8, Crimp connection, Size: HQ |
| Order No. | 1919980000 |
| Type | HDC HQ 8 FC |
| GTIN (EAN) | 4032248557950 |
| Qty. | 1 pc(s). |

HDC HQ 8 FC

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 41.6 mm | Depth (inches) | 1.638 inch |
| Height | 38.5 mm | Height (inches) | 1.516 inch |
| Width | 22.4 mm | Width (inches) | 0.882 inch |
| Net weight | 17 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Dimensions

| | | | |
|------------------|---------|-------------------|---------|
| Height of socket | 38.5 mm | Total length base | 41.6 mm |
| Width | 22.4 mm | | |

General data

| | | | |
|-------------------------------|--------|--------------------------------------|---|
| BG | HQ | Colour | beige |
| Free from halogens | false | Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) |
| Insulating material group | IIIa | Insulation strength | 10 ¹⁰ Ω |
| Low smoke acc. DIN EN 45545-2 | Yes | Material | Copper alloy |
| Number of poles | 8 | Plugging cycles, gold | ≥ 500 |
| Plugging cycles, silver | ≥ 500 | Pollution severity | 3 |
| Rated current (DIN EN 61984) | 16 A | Rated impulse voltage (DIN EN 61984) | 6 kV |
| Rated voltage (DIN EN 61984) | 500 V | Rated voltage according to UL/CSA | 600 V AC/DC |
| Series | HQ | Size | HQ |
| Type | Female | Type of connection | Crimp connection |
| UL 94 flammability rating | V-0 | Volume resistance | ≤2 mΩ |

Connection data PE

| | | | |
|------------------------------------|------------------|------------------------------------|-------------------|
| Connection type PE | Crimp connection | Rated cross-section | 4 mm ² |
| Stripping length PE connection | 7.5 mm | Wire cross section, AWG (PE), max. | AWG 12 |
| Wire cross section, AWG (PE), min. | AWG 20 | | |

Version

| | | | |
|--|---------------------|--|---------------------|
| BG | HQ | Conductor cross-section, max. | 4 mm ² |
| Conductor cross-section, min. | 0.5 mm ² | Material | Copper alloy |
| Size | HQ | Stripping length, rated connection | 7.5 mm |
| Type of connection | Crimp connection | Volume resistance | ≤2 mΩ |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 20 |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000438 | ETIM 7.0 | EC000438 |
| ETIM 8.0 | EC000438 | ETIM 9.0 | 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 |

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Technical data

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

Environmental Product Compliance

| | |
|---------------------|--|
| REACH SVHC | Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 1609748e-c278-4c9b-b3d1-e6215d2988cd |
| Chemical resistance | de.myview.objectmodel.impl.BlockImpl@2e72c5e4 de.myview.objectmodel.impl.BlockImpl@25be855e de.myview.objectmodel.impl.BlockImpl@16c66865 de.myview.objectmodel.impl.BlockImpl@1fc5b803 de.myview.objectmodel.impl.BlockImpl@27a013fa de.myview.objectmodel.impl.BlockImpl@7665e625 de.myview.objectmodel.impl.BlockImpl@53453dcc de.myview.objectmodel.impl.BlockImpl@61f29207 de.myview.objectmodel.impl.BlockImpl@466a7200 de.myview.objectmodel.impl.BlockImpl@1fe7e026 de.myview.objectmodel.impl.BlockImpl@6536054b de.myview.objectmodel.impl.BlockImpl@1021d140 |

Approvals

Approvals



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

Creation date July 5, 2024 1:47:26 AM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

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Technical data

Downloads

| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

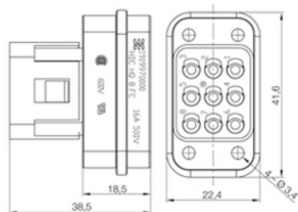
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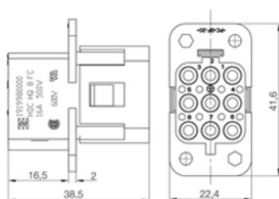
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Drawings

500



3000



HDC HQ 8 FC
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www.weidmueller.com
Accessories
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). | |

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 | Pressing tool, Crimping tool for contacts, 0.14mm², 4mm², W crimp |
| GTIN (EAN) | 4008190884598 | |
| Qty. | 1 pc(s). | |
| Type | CTIN CM 1.6/2.5 | Version |
| Order No. | 9205430000 | Pressing tool, Crimping tool for contacts, 0.14mm², 6mm², 4-indent |
| GTIN (EAN) | 4032248733446 | crimp |
| Qty. | 1 pc(s). | |

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Accessories

Contact removal tools



Weidmüller offers a variety of crimping tools, contact removal tools, and fibre optic tools.

General ordering data

| Type | REMOVAL TOOL HE | Version |
|------------|----------------------------|-----------------------------|
| Order No. | 1866750000 | Tools, Contact Removal Tool |
| GTIN (EAN) | 4032248437078 | |
| Qty. | 1 pc(s). | |

Bulkhead housing



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

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www.weidmueller.com**Accessories****HE**

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

**General ordering data**

| | | |
|------------|----------------------------|---|
| Type | HDC HE CP | Version |
| Order No. | 1003240000 | Heavy-duty connectors, Accessories, Coding System |
| GTIN (EAN) | 4032248698233 | |
| Qty. | 100 pc(s). | |

Plug housing, cable entry sideways

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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 |
| GTIN (EAN) | 4032248698035 | lower side, Standard, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |

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Accessories

Plug housing, cable entry at top



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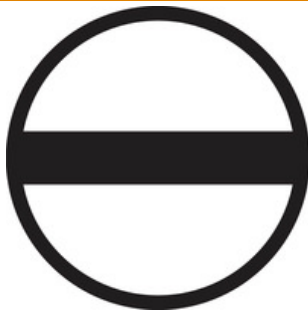
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General ordering data

| Type | HDC HQP TOLU 1PG16 | Version |
|------------|----------------------------|---|
| Order No. | 1003070000 | HDC enclosures, Size: HQ, Protection degree: IP65 (in plugged condition), Cable entry from top, Plug housing, Side-locking clamp on |
| GTIN (EAN) | 4032248698004 | lower side, Standard, Size of cable entries: PG 16 |
| Qty. | 1 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 0.6X3.5X100 | Version |
|------------|----------------------------|--------------------------|
| Order No. | 9008390000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056354 | |
| Qty. | 1 pc(s). | |

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www.weidmueller.com**Accessories****Base housing**

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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 pc(s). | |

Crosshead screwdriver Phillips

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

General ordering data

| | | |
|------------|----------------------------|--------------------------|
| Type | SDK PH0 | Version |
| Order No. | 9008470000 | Screwdriver, Screwdriver |
| GTIN (EAN) | 4032248056460 | |
| Qty. | 1 pc(s). | |

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Accessories

Plug housing, cable entry at top



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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 |
| GTIN (EAN) | 4032248698011 | lower side, Standard, Size of cable entries: PG 21 |
| Qty. | 1 pc(s). | |

Crimp contacts HE



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-HE-BM2.5AU | Version |
|------------|----------------------------|--|
| Order No. | 1651500000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| GTIN (EAN) | 4008190400170 | |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.5AG | Version |
| Order No. | 1201100000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| GTIN (EAN) | 4008190142698 | |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM4.0AG | Version |
| Order No. | 1201500000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, Female, Conductor cross-section, max.: 4, turned, Copper alloy |
| GTIN (EAN) | 4008190148096 | |
| Qty. | 100 pc(s). | |

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Accessories

| | | |
|------------|----------------------------|--|
| Type | HDC-C-HE-BM1.5AG | Version |
| Order No. | 1201300000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190100346 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.5AU | Version |
| Order No. | 1651470000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400149 | Female, Conductor cross-section, max.: 0.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM1.5AU | Version |
| Order No. | 1651490000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400163 | Female, Conductor cross-section, max.: 1.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.75-1.00AG | Version |
| Order No. | 1201200000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190044480 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM4.0AU | Version |
| Order No. | 1651510000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400187 | Female, Conductor cross-section, max.: 4, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM0.75-1.00AU | Version |
| Order No. | 1651480000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190400156 | Female, Conductor cross-section, max.: 1, turned, Copper alloy |
| Qty. | 100 pc(s). | |
| Type | HDC-C-HE-BM2.5AG | Version |
| Order No. | 1201400000 | Heavy-duty connectors, Crimp contact, HE, HEE, HQ, MixMate, |
| GTIN (EAN) | 4008190047078 | Female, Conductor cross-section, max.: 2.5, turned, Copper alloy |
| Qty. | 100 pc(s). | |

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www.weidmueller.com**Accessories****Coupling housing**

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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 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 pc(s). | |

HDC HQ 8 FC

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Accessories

Angled bulkhead housing



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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, |
| GTIN (EAN) | 4032248697991 | Standard |
| Qty. | 1 pc(s). | |

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 | Standard |
| Qty. | 1 pc(s). | |

HDC HQ 8 FC

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Accessories

| 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 | Standard |
| Qty. | 1 pc(s). | |

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 pc(s). | |

Plug housing, cable entry sideways



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General ordering data

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

Tightening torques and screwing tools

| Screw size | Connector type | Dia. tightening torque in Nm | Recommended blade inserts and AF size for hexagon socket |
|--------------------|---|---|--|
| M 2.5 | Signal contacts | | |
| | S 6/6 | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | S 6/12 | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| M 2.9 x 0.5 | Fastening screws | | |
| | HQ 4/2 | 0.8 (plastic) / 1.1 (metal) | SD 0.6 x 3.5 mm or PH0 |
| | HQ 8 | 0.8 (plastic) / 1.1 (metal) | SD 0.6 x 3.5 mm or PH0 |
| | HQ 17 | 0.8 (plastic) / 1.1 (metal) | SD 0.6 x 3.5 mm or PH0 |
| M 3 | Contact screws | | |
| | HA 3 | 0.5 - 0.55 | SD 0.5 x 3.0 mm |
| | HA 4 | 0.5 - 0.55 | SD 0.5 x 3.0 mm |
| | HA 10 bis HA 48 | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PH0 |
| | HE | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | HVE | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | Signal contacts: | | |
| | S 4/2 | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | S 4/8 | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | PE connection via female contact | | |
| | S 4 | 0.5 - 0.8 | SD 0.6 x 3.5 mm |
| | ConCept modular frame, metal | 0.5 - 0.55 | SD 0.6 x 3.5 mm |
| | PE terminal | | |
| | HQ 5 | 0.5 - 0.55 | SD 0.6 x 3.5 or 0.8 x 4 mm |
| | HQ 7 | 0.5 - 0.55 | SD 0.6 x 3.5 or 0.8 x 4 mm |
| | Fastening screws | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | Guide pin | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | Guide bush | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| | Coding pins | 0.5 - 0.55 | SD 0.6 x 3.5 mm or PZ0 |
| M 4 | Contact screws | | |
| | HSB | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PZ1 |
| | PE connection via male contact | | |
| | S 4 | 0.5 - 0.8 | SD 0.6 x 3.5 mm |
| | ConCept modular frame, metal | 1.2 - 1.5 | SD 0.6 x 3.5 mm |
| | PE terminal | | |
| | HA | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PH1 |
| | HE | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PH1 |
| | HEE | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PH1 |
| | HVE | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PH1 |
| | HD | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PZ1 |
| | HDD | 1.2 - 1.5 | SD 0.6 x 3.5 or 0.8 x 4 mm or PZ1 |
| | S 6/6 (for signal contacts) | 1.2 - 1.5 | 0.8 x 4 mm or PZ1 |
| | ConCept modular frame, plastic | 1.2 - 1.5 | 0.8 x 4 mm or PZ1 |
| M 5 | PE terminal | | |
| | HSB | 2 - 2.5 | SD 1 x 5.5 mm or PZ2 |
| | S 4/0 (Screw connection) | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| | S 4/0 (Axial screw connection) | 2 - 2.5 | SD 0.8 x 4 mm or PZ 2 |
| | S 4/2 | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| | S 4/8 | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| | S 6/12 | 2 - 2.5 | SD 0.8 x 4 mm or PZ 2 |
| | S 6/36 | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| | S 8/24 | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| | S 12/2 | 2 - 2.5 | SD 1.2 x 6.5 mm or PH2 |
| M 6 | Power contacts | | |
| | S 4/0 (Screw connection) | 1.2 (1.5 mm ²) / 2 (2.5 mm ²) / 3 (4-16 mm ²) | SD 0.8 x 4 mm |
| | S 4/2 | 1.2 (1.5 mm ²) / 2 (2.5 mm ²) / 3 (4-16 mm ²) | SD 0.8 x 4 mm |
| | S 4/8 | 1.2 (1.5 mm ²) / 2 (2.5 mm ²) / 3 (4-16 mm ²) | SD 0.8 x 4 mm |
| M 7 x 0.75 | Power contacts | | |
| | S 4 | 1.1 - 1.7 | SW 2 |
| | S 6/6 (+ PE) | 6 - 8 | SW 4 |
| M 8 x 0.75 | Power contacts | | |
| | S 6/12 | 1.1 - 1.7 | SW 2 |
| | S 8/0 (+ PE) | 6 (10-16 mm ²) - 7 (25 mm ²) | SW 4 |
| M10 x 1 | Power contacts | | |
| | S 4/0 (Axial connection) | 2 - 3 | SW 3 |

Increasing the tightening torque does not improve the contact resistance. The stated torque settings offer optimal mechanical, thermal and electrical conditions. Exceeding the recommended values may even damage the conductor and terminal.