The new contact inserts with a screw connection now have an option of additional keying with the help of the keying profile CP-HC.

- HC-B6.../HC-B10... for two keying profiles
- HC-B16.../HC-B24... for four keying profiles

In the conventional keying method, mounting screws of contact inserts must be replaced with keying bolts, keying sockets or keying pins. This requires a lot of time. Keying profiles enable keying in just a few seconds. Keying profiles need to be snapped into the keying grooves of the contact inserts.

Contact inserts with a screw connection are already equipped with wire protection and captive connection screws. The PE connection is established using the tension sleeve technology.

Connectors may only be operated when under no-load conditions.

Notes:
For connector pin assignments, see page 566.
For more accessories, see from page 520.
For mounting cutout drawings for use without housings, see www.phoenixcontact.net/catalog
### Heavy-duty industrial connectors – PLUSCON heavy

### Heavy-duty connectors – HEAVYCON

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**Type Order No. Pcs. / Pkt.**

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- 500 V
- 6 kV
- 16 A
- III / 3
- Copper alloy
- Ag
- PA
- V0
- 10
- 0.5 mm² ... 2.5 mm²
- 20 ... 14
- 8 mm
- 0.5 Nm ... 0.8 Nm
- ≥ 500
- -40°C ... 125°C

- 500 V
- 6 kV
- 16 A
- III / 3
- Copper alloy
- Ag
- PA
- V0
- 24
- 0.5 mm² ... 2.5 mm²
- 20 ... 14
- 8 mm
- 0.5 Nm ... 0.8 Nm
- ≥ 500
- -40°C ... 125°C

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**Male insert**

**Female insert**
Heavy-duty industrial connectors – PLUSCON heavy
Heavy-duty connectors – HEAVYCON

Dimensional drawings of the A series connectors with QUICKON connection

Dimensional drawings of the B series contact inserts, with spring-cage connection for 2 conductors