

# HC-D 40-A-UT-PEL-F

Order No.: 1584253



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1584253>

HEAVYCON terminal adapter female insert, D40 series, 40-pos., right PE connection for the left side of the control cabinet, screw connection

## Commercial data

|                          |                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN)               | <br>4 046356 142328 |
| sales group              | D004                                                                                                  |
| Pack                     | 1 pcs.                                                                                                |
| Customs tariff           | 85366990                                                                                              |
| Catalog page information | Page 470 (PC-2009)                                                                                    |

## Product notes

WEEE/RoHS-compliant since:  
03/17/2009



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## Technical data

### Electrical characteristics

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| Note                             | For HEAVYCON-ADVANCE mounting flange and HEAVYCON panel mounting base of B16 type |
| Number of positions              | 40                                                                                |
| Connection in acc. with standard | IEC / EN                                                                          |
| Rated voltage (III/3)            | 250 V                                                                             |

|                     |      |
|---------------------|------|
| Rated surge voltage | 4 kV |
| Rated current       | 10 A |

#### Mechanical characteristics

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Design                                  | D40                                         |
| Connection method                       | Screw connection                            |
| Tightening torque                       | 0.5 Nm ... 0.8 Nm                           |
| Stripping length of the individual wire | 10 mm                                       |
| Conductor cross-section                 | 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Connection cross-section AWG            | 22 ... 12                                   |

#### General characteristics

|                                    |                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------|
| Contact material                   | Copper alloy                                                                                      |
| Contact surface material           | Ag                                                                                                |
| Contact carrier material           | PA                                                                                                |
| Terminal adapter width             | 56 mm                                                                                             |
| Height                             | 81 mm                                                                                             |
| Pollution degree                   | 3                                                                                                 |
| Surge voltage category             | III                                                                                               |
| Inflammability class acc. to UL 94 | V0                                                                                                |
| Connection in acc. with standard   | IEC / EN                                                                                          |
| Ambient temperature (operation)    | -40 °C ... 125 °C                                                                                 |
| Installation instructions          | Connectors may be plugged in only when there is no load/voltage. Not for HC-B 16-AMQ-EMV housings |

#### Accessories

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

#### Assembly

|         |          |                                                                                                                                       |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1775240 | HC-KA-FE | Foot element, for mounting on DIN rail NS 32, DIN rail NS 35/7.5 or DIN rail NS 35/15, can be inserted between basic and side element |
| 1660083 | HC-VSH   | Locking screw barrel, for a firm connection of contact inserts and DIN-rail mountable terminal adapters                               |

#### General

|         |          |                                                                                                                           |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------|
| 1644326 | HC-B-3PE | PE multiplier, for three PE connections, for HC-B (besides HC-B..E..ZZ) / HC-BB / HC-DD / HC-D40 / HC-D64 contact inserts |
|---------|----------|---------------------------------------------------------------------------------------------------------------------------|

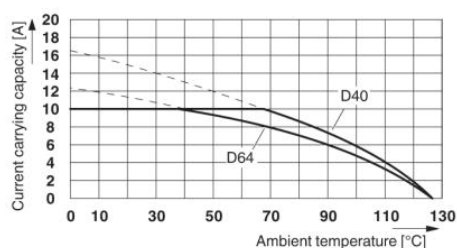
|         |          |                                                                                                     |
|---------|----------|-----------------------------------------------------------------------------------------------------|
| 1604997 | HC-B-PES | PE screw, for contact inserts HC-B / HC-BB / HC-DD / HC-D40 / HC-D64                                |
| 1772722 | HC-CB    | Coding pin, prevents mismatching of up to six plug connectors with an identical number of positions |
| 1676860 | HC-CBU   | Keying socket for coding up to 16 plug connectors                                                   |
| 1676857 | HC-CST   | Keying peg for coding up to 16 plug connectors                                                      |

#### Marking

|         |                  |                                                                                                                                                                                     |
|---------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1050004 | ZB 5 :UNBEDRUCKT | Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White |
|---------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

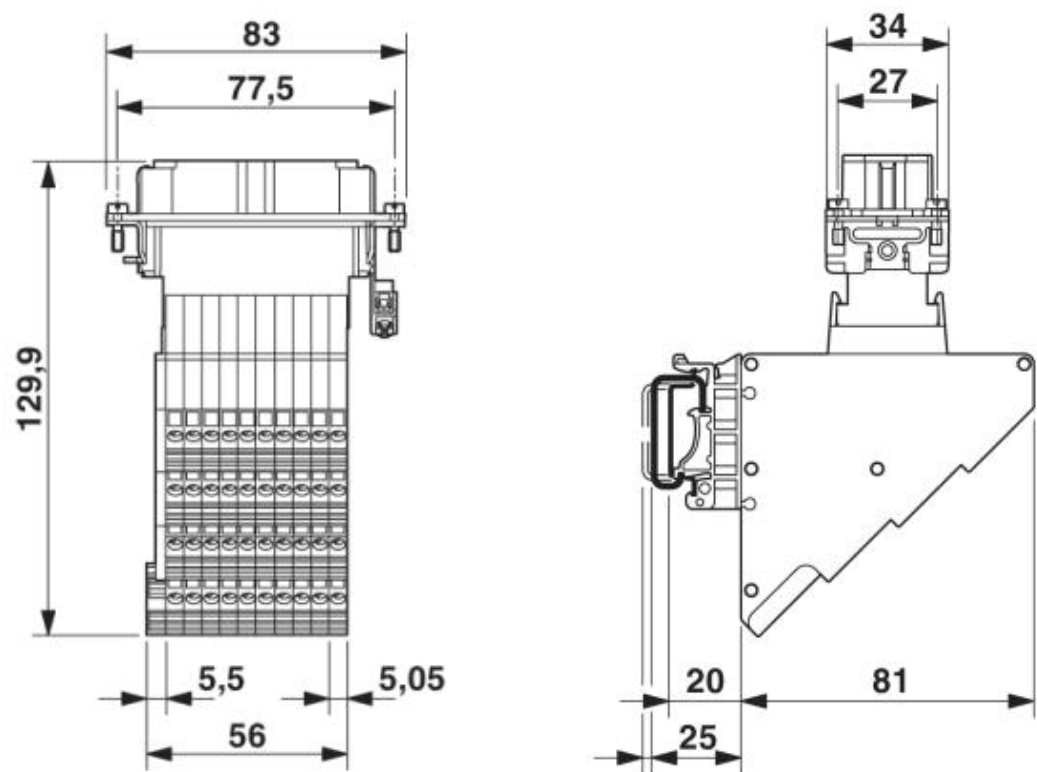
#### Diagrams/Drawings

##### Diagram



Derating diagram

Dimensioned drawing



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