

HC-COM-17-ESTC - Contact insert



1408465

<https://www.phoenixcontact.com/us/products/1408465>

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Contact insert, number of positions: 17+PE, size: COM, power contacts: 0, control contacts: 17, number of connections per position: 1, Pin, Crimp connection, 200 V, 10 A, 0.14 mm² ... 2.5 mm², application: Signal

Product description

Contact insert, incl. 4 mounting screws

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1408465 |
| Packing unit | 2 pc |
| Minimum order quantity | 2 pc |
| Sales key | BF61 |
| Product key | BF7ABH |
| Catalog page | Page 649 (C-2-2017) |
| GTIN | 4046356618175 |
| Weight per piece (including packing) | 15.9 g |
| Weight per piece (excluding packing) | 15.9 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

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Technical data

Notes

| | |
|---------|--|
| General | For crimp contacts CK 1.6-ED... |
| General | Connectors may be operated only when there is no load/voltage. |

Mounting

| | |
|-----------------------|---|
| Assembly instructions | To ensure correct use, installation in housing with IP54 protection or better is required |
|-----------------------|---|

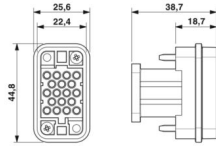
Product properties

| | |
|------------------------------------|--|
| Type | COM |
| Product type | Contact insert with a fixed no. of positions |
| Number of positions | 17 |
| Connection profile | 17+PE |
| Contact numbering | 1 - 17 |
| Application | Signal |
| Number of connections per position | 1 |
| No. of power contacts | 0 |
| No. of control contacts | 17 |
| Contact material type | turned rolled |
| Series | HC-COM |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 25.6 mm |
| Height | 38.7 mm |
| Length | 45 mm |

Mechanical characteristics

| | |
|------------------|--------|
| Contact diameter | 1.6 mm |
|------------------|--------|

Connection data

Connection technology

| | |
|-----------------------|------------------|
| Connection technology | Crimp connection |
|-----------------------|------------------|

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| | |
|------------------------------------|----------|
| Number of connections per position | 1 |
| Connection in acc. with standard | IEC / EN |

Conductor connection

| | |
|---|--|
| Conductor cross section | 0.14 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 26 ... 14 |
| Stripping length of the individual wire | 8 mm |
| | 6 mm (at 2.5 mm ²) |

Electrical properties

| | |
|----------------------------------|-------|
| Rated voltage (III/2) contacts | 250 V |
| Rated voltage (III/3) | 200 V |
| Rated voltage for power contacts | 200 |
| Rated surge voltage | 4 kV |
| Rated current | 10 A |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
|-----------------------------|-------|

Material specifications

| | |
|--|-----------------------|
| Flammability rating according to UL 94 | V0 |
| Seal material Profile gasket | NBR |
| Contact material | Copper alloy |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PC |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 100 °C (including heating up of contacts) |
|---------------------------------|--|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27440205 |
| ECLASS-12.0 | 27440205 |
| ECLASS-13.0 | 27440205 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000438 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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