

Contact insert - VC-D1-BU15-PE-R - 1884801

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Female contact carrier, for rolled crimp contacts, type VC 1, 15-pos. + PE

Product Features

- Positions 15, 30, 50, and 65 are available, in accordance with housing sizes VC 1 - VC 4.
- Contact types meet the requirements of IEC 60352/DIN EN 60352
- Contact carriers have two further capacitive PE contacts
- Pin and socket contacts can be used on both the plug and device sides
- The connection data of 250 V/10 A corresponds to that of the HEAVYCON DD series



Key Commercial Data

| | |
|--------------------------------------|-----------------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN | 4 017918 164874 |
| Weight per Piece (excluding packing) | 29.76 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

Electrical characteristics

| | |
|-----------------------|---|
| Note | Connectors may only be connected/disconnected when under no load. |
| Rated voltage | 250 V |
| Rated voltage (III/3) | 250 V |
| Rated current | 10 A |
| | 10 A |
| Rated surge voltage | 4 kV |

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Technical data

Electrical characteristics

| | |
|---------------------|----|
| Number of positions | 15 |
|---------------------|----|

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

Mechanical characteristics

| | |
|---|---------------------------------|
| Conductor cross section | 0.14 mm² ... 1.5 mm² (stranded) |
| Connection cross section AWG | 22 ... 16 |
| Stripping length of the individual wire | 8 mm |
| Conductor cross section flexible max. | 1.5 mm² |
| Insertion/withdrawal cycles | >= 500 |

General

| | |
|--|------------------|
| Type | VC1 |
| Series | VC-D |
| Connection method | Crimp connection |
| Flammability rating according to UL 94 | V0 |
| Degree of pollution | 2 |
| Overvoltage category | III |

Material data

| | |
|--------------------------|-------|
| Contact carrier material | PA-GF |
|--------------------------|-------|

Standards and Regulations

| | |
|--|-----|
| Connection in acc. with standard | CUL |
| Flammability rating according to UL 94 | V0 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

Contact insert - VC-D1-BU15-PE-R - 1884801

Classifications

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |

Approvals

Approvals


Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 250 V |

Contact insert - VC-D1-BU15-PE-R - 1884801

Approvals

| | |
|--|-------|
| cUL Recognized  | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 250 V |

| |
|-----|
| EAC |
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| |
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| EAC |
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| |
|--|
| cULus Recognized  |
|--|

Accessories

Accessories

Assembly tool

Contact removal tool - VC-EW 1,6 - 1884869



Contact removal tool, for turned and rolled CK- 1.6-... contacts

Assembly tool - CK1,6/2,5-MWZ - 1676734



Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections

Crimp contact

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Accessories

Crimp contact - CK1,6-BR-0,50ST AG - 1884157



Rolled pin contact, tapered, silver-plated, 0.14 mm² ... 0.5 mm², contact entry from left, 2000 pcs. per roll

Crimp contact - CK1,6-BR-1,50ST AG - 1884144



Rolled pin contact, tapered, silver-plated, 0.5 mm² ... 1.5 mm², contact entry from left, 2000 pcs. per roll

Crimp contact - CK1,6-BR-0,50BU AG - 1884186



Rolled female contact, tapered, silver-plated, 0.14 mm² ... 0.5 mm² left contact lead-in, 2000 pieces per roll

Crimp contact - CK1,6-ER-0,50ST AG - 1884092



Rolled 1.6 crimp contact, individual male contact, core diameter 0.5 mm²

Crimp contact - CK1,6-ER-1,50ST AG - 1884089



Rolled male contact, single contacts, silver-plated, 0.5 mm² ... 1.5 mm²

Contact insert - VC-D1-BU15-PE-R - 1884801

Accessories

Crimp contact - CK1,6-ER-0,50BU AG - 1884128



Rolled 1.6 crimp contact, individual female contact, core diameter 0.5 mm²

Crimping tool

Crimping pliers - CRIMPFOX-1,6-ER-1,50-AT - 1884843



Crimping pliers for rolled contacts CK 1.6-ER... and ...-BR..., 0.5 - 1.5 mm²

Panel mounting flange

Mounting flange - VC-D-AF - 1855319

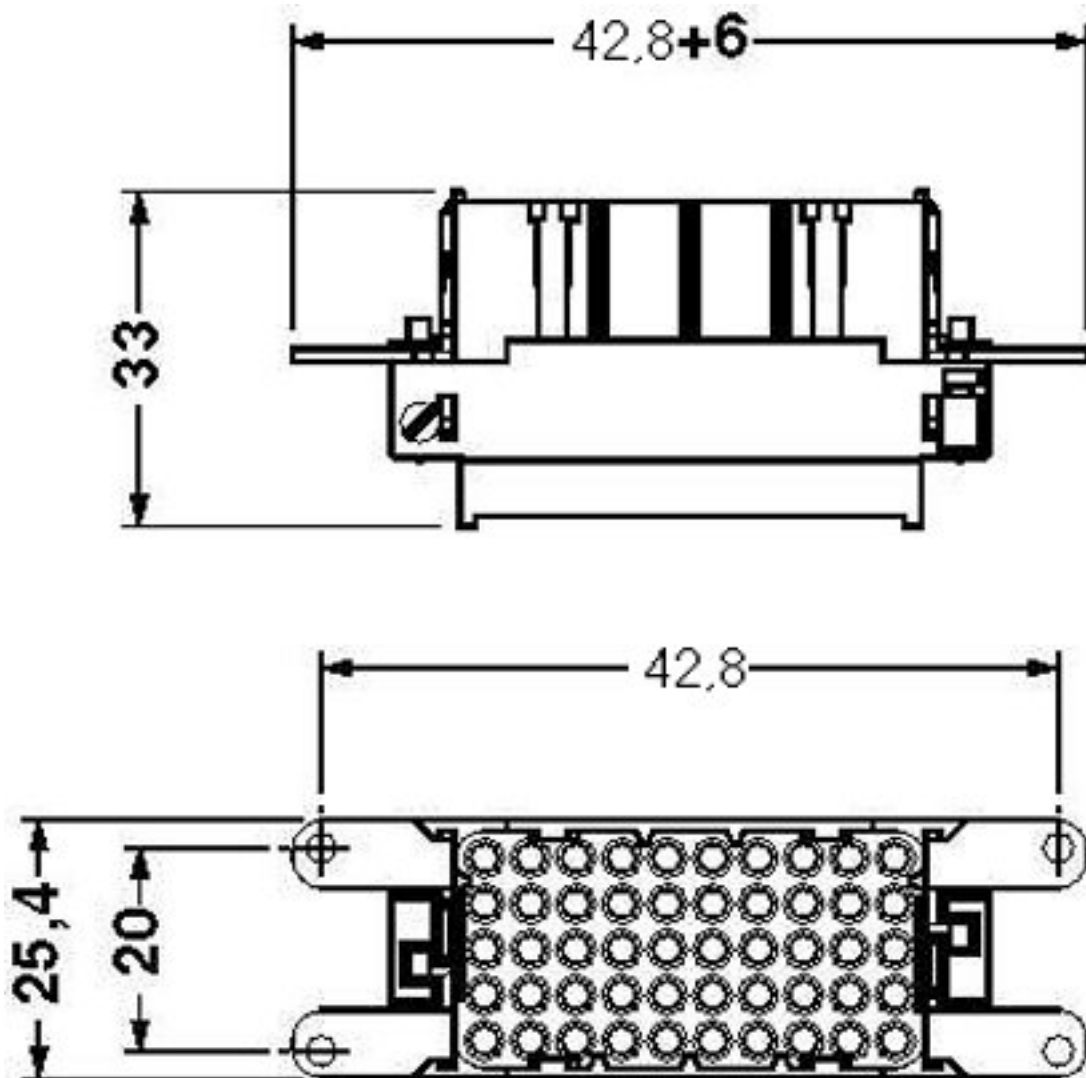


Panel mounting flange for screw locking, for fixing the crimp contact insert to the housing panel, with two M3 threaded holes and one M4 threaded hole

Drawings

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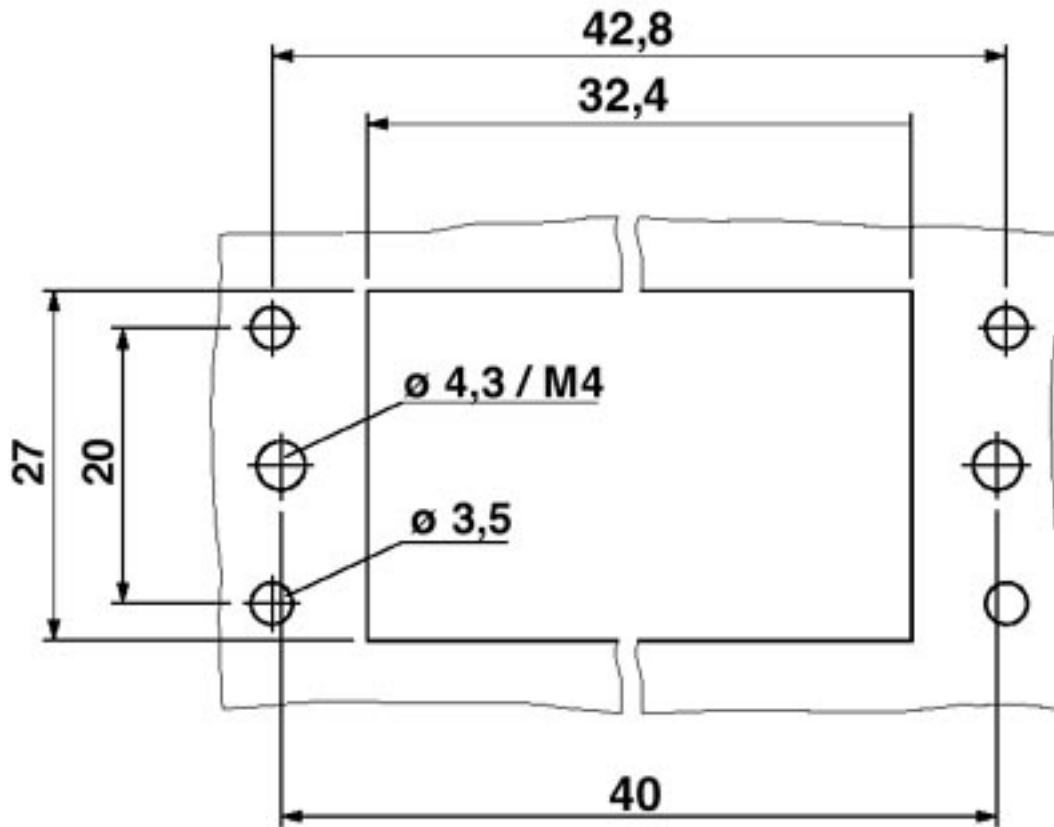
Dimensional drawing



Contact insert

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Dimensional drawing



Panel cutout

Mouser Electronics

Authorized Distributor

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