

## Contact insert - VC-TFS 8 - 1852820

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Contact insert module, for sleeve frames, with screw connection, 8-pos., 160 V / 10 A

### Product Features

- Compact design
- Proven COMBICON technology
- Universal connection
- Can be keyed to prevent incorrect connection



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 127152 |
| Weight per Piece (excluding packing) | 7.25 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland  |

### Technical data

#### General

|                             |   |
|-----------------------------|---|
| Note                        | Connectors may only be connected/disconnected when under no load. |
| Connection method           | Screw connection  |
|                             | Screw connection  |
| Tightening torque           | 0.22 Nm ... 0.25 Nm   |
| Degree of pollution         | 3   |
| Overvoltage category        | III   |
| Number of positions         | 8   |
| Insertion/withdrawal cycles | ≥ 100   |

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## Technical data

### General

|   |  |
|---|--|
| Conductor cross section                 | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Connection cross section AWG            | 28 ... 16                                    |
| Stripping length of the individual wire | 6 mm   |

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 100 °C |
|---------------------------------|-------------------|

### Material data

|  |            |
|--|------------|
| Flammability rating according to UL 94 | V0         |
| Contact material                       | CuZn       |
| Contact surface material               | Tin-plated |
| Contact carrier material               | PA         |

### Electrical characteristics

|                       |        |
|-----------------------|--------|
| Rated voltage (III/3) | 160 V  |
| Rated surge voltage   | 2.5 kV |
|                       | 2.5 kV |
| Rated current         | 10 A   |
|                       | 10 A   |

### 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 | 27371205 |
| eCl@ss 5.1 | 27371205 |
| eCl@ss 6.0 | 27371205 |
| eCl@ss 7.0 | 27371205 |
| eCl@ss 8.0 | 27440205 |
| eCl@ss 9.0 | 27440205 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000437 |
| ETIM 3.0 | EC000437 |
| ETIM 4.0 | EC000437 |

# Contact insert - VC-TFS 8 - 1852820

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000438 |
|----------|----------|

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Approval details

|                            |       |
|----------------------------|-------|
| UL Recognized              |       |
| mm <sup>2</sup> /AWG/kcmil | 30-14 |
| Nominal current IN         | 8 A   |
| Nominal voltage UN         | 250 V |

|                            |       |
|----------------------------|-------|
| cUL Recognized             |       |
| mm <sup>2</sup> /AWG/kcmil | 30-14 |
| Nominal current IN         | 8 A   |

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## Approvals


|                    |       |
|--------------------|-------|
| Nominal voltage UN | 250 V |
|--------------------|-------|

LR

EAC

EAC

EAC

cULus Recognized 

## Accessories

### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



Coding profile - CP-HCC 4 - 1600027

Coding profile, Number of positions: 1, Color: red



#### Labeled terminal marker

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### Accessories

Marker card - SK 7,5/3,8:FORTL.ZAHLEN - 0804455



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.5 mm, Lettering field: 7.5 x 3.8 mm

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Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

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Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

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### Terminal marking

Marker card - SK U/5,0 WH:UNBEDRUCKT - 0803922



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

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Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



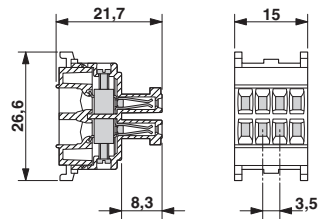
Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 3.8 mm

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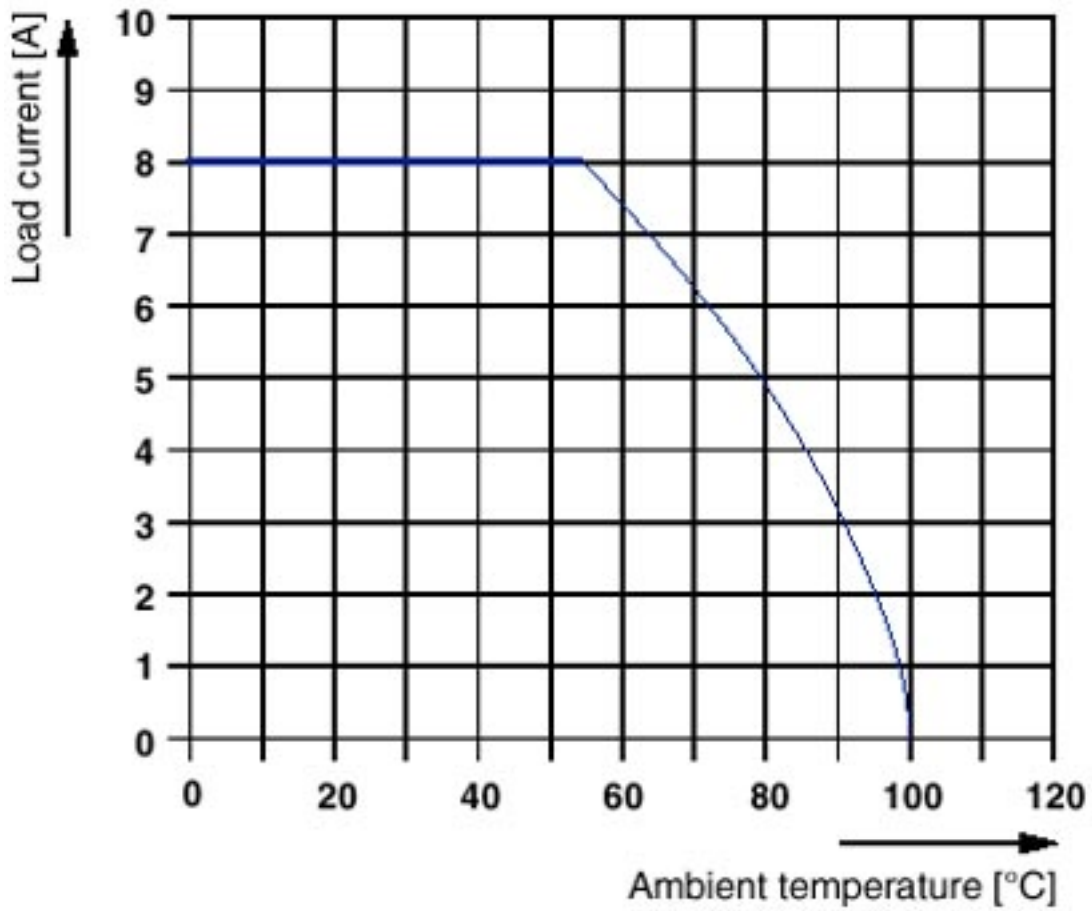
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## Drawings

Dimensional drawing



Diagram



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