

## Contact insert module - HC-M-17-CT-F - 1414357

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Contact insert module, Number of positions: 17, Socket, Crimp connection, 160 V, 10 A, 0.14 mm² ... 2.5 mm², Application: Signal

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| Minimum order quantity               | 5 STK                                                                                                   |
| GTIN                                 | <br>4 055626 025001 |
| GTIN                                 | 4055626025001                                                                                           |
| Weight per Piece (excluding packing) | 12.000 g                                                                                                |
| Custom tariff number                 | 85389099                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Height | 34 mm   |
| Width  | 34.2 mm |
| Length | 14.6 mm |

#### Electrical characteristics

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note                  | For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK1,6-ED... crimp contacts, crimp contacts not supplied as standard. |
| Rated voltage (III/3) | 160 V                                                                                                                                                           |
| Rated current         | 10 A                                                                                                                                                            |
| Rated surge voltage   | 2.5 kV                                                                                                                                                          |

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### Technical data

#### Electrical characteristics

|                    |    |
|--------------------|----|
| Connection profile | 17 |
|--------------------|----|

#### Ambient conditions

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

#### Mechanical characteristics

|                                         |                                              |
|-----------------------------------------|----------------------------------------------|
| Conductor cross section                 | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Connection cross section AWG            | 26 ... 14                                    |
| Stripping length of the individual wire | 8 mm (6 mm (for 2.5 mm <sup>2</sup> ))       |
| Insertion/withdrawal cycles             | ≥ 500                                        |
| Minimum housing height                  | 52 mm                                        |

#### General

|                                        |                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| Series                                 | HC-M-17                                                                                                  |
| Color                                  | light gray                                                                                               |
| Number of module slots                 | 1                                                                                                        |
| Connection method                      | Crimp connection                                                                                         |
| Flammability rating according to UL 94 | V0                                                                                                       |
| Degree of pollution                    | 3                                                                                                        |
| Overvoltage category                   | III                                                                                                      |
| Assembly instructions                  | Housing height ≥ 52 mm.<br>Plug-in connections may only be operated only when there is no load/ voltage. |

#### Material data

|                          |                       |
|--------------------------|-----------------------|
| Contact material         | Copper alloy          |
| Contact surface material | Ag (alternatively Au) |
| Contact carrier material | PC                    |

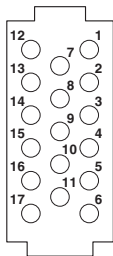
#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Drawings

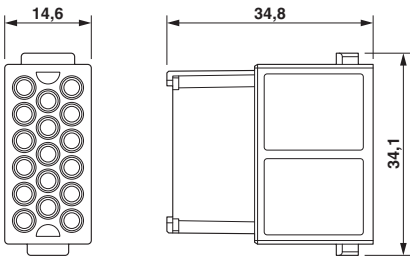
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Schematic diagram

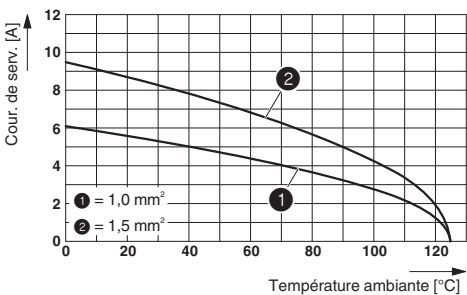


Connector pin assignment, connection side

Dimensional drawing



Diagram



Derating diagram (3 modules in HC-B 24 housing)

Approvals

Approvals

Approvals

EAC / UL Recognized / CSA

Ex Approvals

Approval details

|     |                                                                                     |                     |
|-----|-------------------------------------------------------------------------------------|---------------------|
| EAC |  | 7500651.22.01.00246 |
|-----|-------------------------------------------------------------------------------------|---------------------|

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### Approvals

|                                |                                                                                   |                                                                                                                                                       |         |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| UL Recognized                  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E118976 |
|                                |                                                                                   |                                                                                                                                                       |         |
| mm²/AWG/kcmil                  |                                                                                   | 14                                                                                                                                                    |         |
| Nominal current I <sub>N</sub> |                                                                                   | 14 A                                                                                                                                                  |         |
| Nominal voltage U <sub>N</sub> |                                                                                   | 160 V                                                                                                                                                 |         |

|                                |                                                                                   |                                                                                                                                                                                           |       |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                |                                                                                   |                                                                                                                                                                                           |       |
| mm²/AWG/kcmil                  |                                                                                   | 14                                                                                                                                                                                        |       |
| Nominal current I <sub>N</sub> |                                                                                   | 10 A                                                                                                                                                                                      |       |
| Nominal voltage U <sub>N</sub> |                                                                                   | 160 V                                                                                                                                                                                     |       |