

# HC-M-B16-MFH-B-CI - Module carrier frame



1721378

<https://www.phoenixcontact.com/us/products/1721378>

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Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), Push-in connection, 0.5 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame



## Your advantages

- Significant time savings and improved handling: Consistent and easy tool-free installation and mounting with Push-in connection technology and innovative Click-in latching
- Tool-free installation and mounting of the PE connection with Push-in connection technology
- Shortest installation time compared to other connection technologies
- Quick and effortless wiring, in particular when space is tight
- Secure installation: Audible and tangible latching of the contact inserts in the connector housing
- Reliable connection: The Click-in contact insert latches into the housing creating a shock- and vibration-resistant connection in accordance with DIN EN 61373
- Easy integration: Click-in contact inserts fit in all plastic and metal housings of the HEAVYCON STANDARD and EVO series
- Safe wiring and operation with color-coded actuators
- Shock and vibration-resistant in accordance with DIN EN 61373

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1721378       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF62          |
| Product key                          | AF7ACD        |
| GTIN                                 | 4067923274532 |
| Weight per piece (including packing) | 104.8 g       |
| Weight per piece (excluding packing) | 123.6 g       |
| Customs tariff number                | 85389099      |
| Country of origin                    | CN            |

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## Technical data

### Notes

|         |                                                                |
|---------|----------------------------------------------------------------|
| General | Connectors may be operated only when there is no load/voltage. |
|---------|----------------------------------------------------------------|

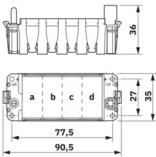
### Product properties

|                        |                      |
|------------------------|----------------------|
| Product type           | Module carrier frame |
| Series                 | HC-M-B               |
|                        | HC-M-02              |
|                        | HC-M-03              |
|                        | HC-M-03/04           |
|                        | HC-M-04              |
|                        | HC-M-05              |
|                        | HC-M-06              |
|                        | HC-M-08              |
|                        | HC-M-08-GBIT         |
|                        | HC-M-12              |
|                        | HC-M-17              |
|                        | HC-M-20              |
|                        | HC-M-25              |
|                        | HC-M-DSUB            |
|                        | HC-M-EMV             |
|                        | HC-M-HV              |
|                        | HC-M-HS              |
|                        | HC-M-00              |
| Application            | Module carrier frame |
| Type                   | B16                  |
| Number of module slots | 4                    |
| Frame type             | Module carrier frame |

### Connection data

|                         |                                      |
|-------------------------|--------------------------------------|
| Conductor connection    |                                      |
| Conductor cross section | 0.5 mm² ... 6 mm² (for PE conductor) |
| Stripping length        | 8 mm ... 10 mm (for PE conductor)    |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 34.9 mm                                                                              |

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|        |         |
|--------|---------|
| Height | 36 mm   |
| Length | 84.5 mm |

## Material specifications

|                          |                     |
|--------------------------|---------------------|
| Contact carrier material | Die-cast zinc alloy |
|--------------------------|---------------------|

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

|               |                                                                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | To ensure correct use, installation in housing with IP54 protection or better is required                                                              |
|               | tool-free snap-in into all plastic and metal housings of the HEAVYCON STANDARD and EVO series, and into metal housings of the HEAVYCON ADVANCED series |

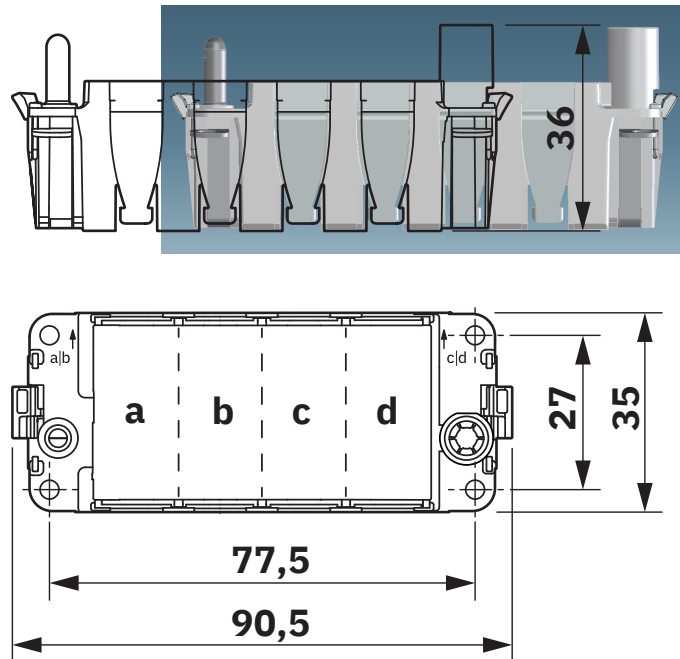
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440206 |
| ECLASS-15.0 | 27440206 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002312 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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