

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



1721373

<https://www.phoenixcontact.com/us/products/1721373>

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Module carrier frame, size: B16, type : for the sleeve 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
- Safe wiring and operation with color-coded actuators
- Shock and vibration-resistant in accordance with DIN EN 61373

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1721373       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF62          |
| Product key                          | AF7ACD        |
| GTIN                                 | 4067923274662 |
| Weight per piece (including packing) | 104.8 g       |
| Weight per piece (excluding packing) | 104.8 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. |
|---------|----------------------------------------------------------------|

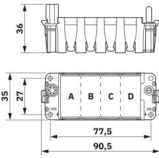
### Product properties

|                        |                      |
|------------------------|----------------------|
| 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 mm <sup>2</sup> ... 6 mm <sup>2</sup> (for PE conductor) |
| Stripping length        | 8 mm ... 10 mm (for PE conductor)                            |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 34.9 mm                                                                              |
| Height              | 36 mm                                                                                |

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|        |         |
|--------|---------|
| 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

|               |                                                                                                                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting type | Click-in latching                                                                                                                                                                                  |
| Assembly note | To ensure correct use, installation in housing with IP54 protection or better is required                                                                                                          |
|               | tool-free snap-in into tall plastic housing of the HEAVYCON EVO series and into tall metal housing of the HEAVYCON STANDARD and ADVANCED series as well as metal housing with straight cable entry |

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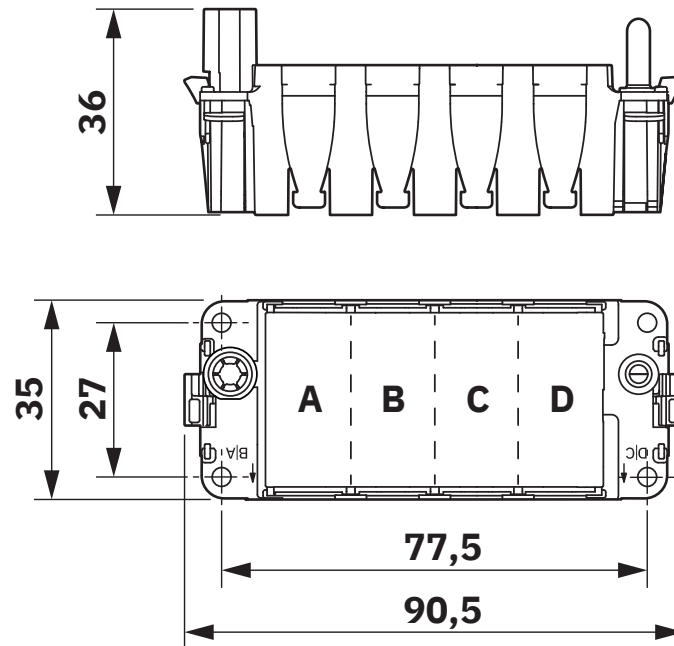
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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1721373>



**CSA**  
Approval ID: 158887

|                                                                                   |                                              |                       |                   |                             |
|-----------------------------------------------------------------------------------|----------------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <b>UL Recognized</b><br>Approval ID: E468743 |                       |                   |                             |
|                                                                                   | Nominal voltage $U_N$                        | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                             |                                              |                       |                   |                             |
| PE connection                                                                     | -                                            | -                     | - 10              | -                           |

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002312 |
|-----------|----------|

### UNSPSC

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

Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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## Accessories

### HC-M-MHR-PE16 - Cable lug

1636981

<https://www.phoenixcontact.com/us/products/1636981>



Cable lug for HEAVYCON-MODULAR; PE connection extension to 16 mm<sup>2</sup>, for crimping with crimp pliers

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### HC-CST-MOD - Coding element

1636127

<https://www.phoenixcontact.com/us/products/1636127>



Coding peg for coding up to 16 connectors, for HC Modular

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## HC-CBU-MOD - Coding element

1636130

<https://www.phoenixcontact.com/us/products/1636130>



Coding socket for coding up to 16 connectors, for HC Modular

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

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



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