

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

1721378

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



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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
- 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

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

1721378

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



## 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

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

1721378

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



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

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

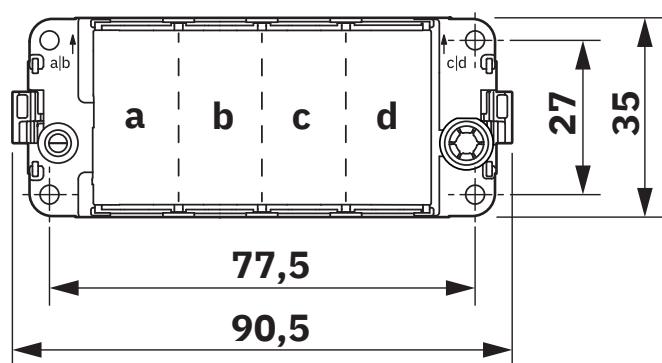
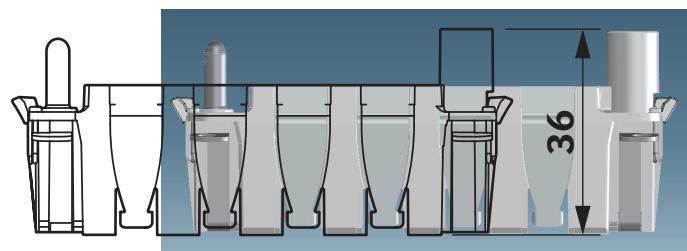


1721378

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

## Drawings

Dimensional drawing



Dimensional drawing

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

1721378

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



## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1721378>

CSA	Approval ID: 158887
-----	---------------------

	UL Recognized	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine					
PE connection	-	-	-	- 10	-

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

1721378

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



## Classifications

### ECLASS

ECLASS-13.0	27440206
ECLASS-15.0	27440206

### ETIM

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

### UNSPSC

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

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

1721378

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



## 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%
-------------------------------------	----------------------------

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

1721378

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



## 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

---

### HC-CST-MOD - Coding element

1636127

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

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



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

1721378

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



## HC-CBU-MOD - Coding element

1636130

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

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



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

1721373

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

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



Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)