

# HC-M-B24-MF-B - Module carrier frame

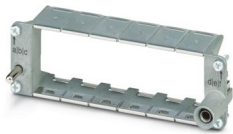


1417402

<https://www.phoenixcontact.com/us/products/1417402>

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Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame



## Commercial data

Item number	1417402
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	AF7ACD
GTIN	4055626112770
Weight per piece (including packing)	82 g
Weight per piece (excluding packing)	71.577 g
Customs tariff number	85389099
Country of origin	CN

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## Technical data

### 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	B24
	B48
Number of module slots	6

### Connection data

#### Conductor connection

Conductor cross-section	4 mm <sup>2</sup> ... 6 mm <sup>2</sup> (for PE conductor - power side)
	1 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (for PE conductor control side)
Connection cross section AWG	12 ... 10 (for PE conductor - power side)
	18 ... 14 (for PE conductor control side)
Tightening torque	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

### Dimensions

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Dimensional drawing	
Width	34.5 mm
Height	36.2 mm
Length	111 mm

## Material specifications

Contact carrier material	Die-cast zinc alloy
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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## Mounting

Assembly note	HC-MHR-PE16 ( 1636981) for PE connection extension to 16 mm <sup>2</sup> .
	Use wire end protection for PE wires (PE connection screws without wire protection) for housings without lateral connectors, max. thread length of the screw connection 12 mm

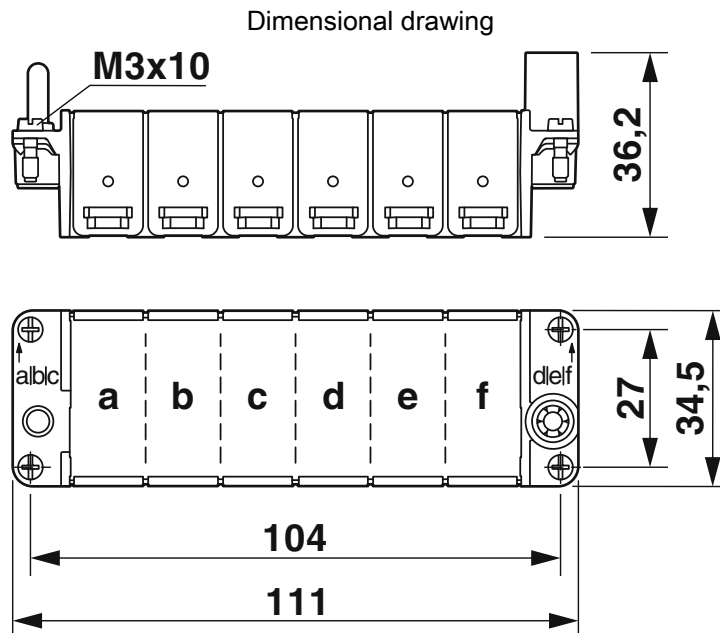
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## Drawings



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-13.0	27440206
ECLASS-15.0	27440206

### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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