

HC-M-B06-MFH-B - Module carrier frame



1182085

<https://www.phoenixcontact.com/us/products/1182085>

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Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

Commercial data

Item number	1182085
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	BF7ACD
GTIN	4063151218737
Weight per piece (including packing)	59.2 g
Weight per piece (excluding packing)	59.1 g
Customs tariff number	85389099
Country of origin	CN

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Technical data

Notes

General	This product replaces 1417398 HC-M-B06-MF-B
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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	B6
Number of module slots	2
Type	for the panel mounting side (a, b, c, ...)
Frame type	Module carrier frame

Data management status

Article revision	03
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Connection data

Conductor connection

Conductor cross section	4 mm² ... 6 mm² (for PE conductor - power side)
	1 mm² ... 2.5 mm² (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)

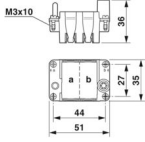
Dimensions

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Dimensional drawing		
Width		34.9 mm
Height		36 mm
Length		51 mm

Material specifications

Contact carrier material	Die-cast zinc alloy
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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	HC-MHR-PE16 (1636981) for PE connection extension to 16 mm².
	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
	When using the module carrier frame in metal housings, the connection of the PE conductor must be ensured via the PE connection provided on the module carrier frame or via a special metal PE module

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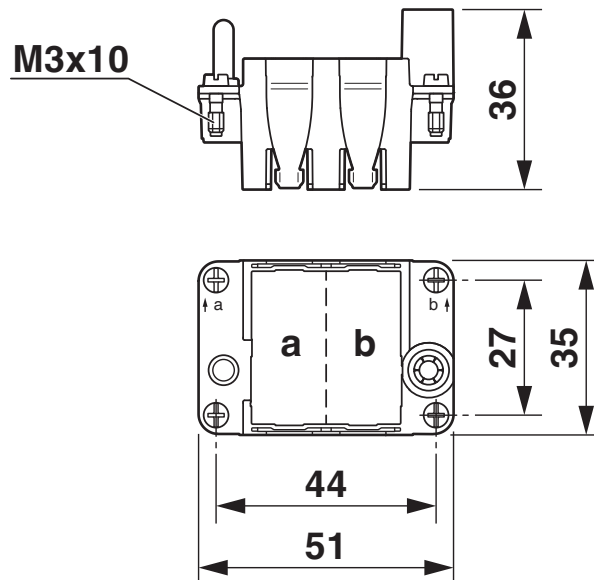
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1182085>



CSA

Approval ID: 13631



UL Recognized

Approval ID: E118976



UL Recognized

Approval ID: E118976

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Classifications

ECLASS

ECLASS-11.0	27440206
ECLASS-12.0	27440206
ECLASS-13.0	27440206

ETIM

ETIM 9.0	EC002312
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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)
SCIP	6e873fa2-2087-4d62-827a-61be6472daa5

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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 mm², for crimping with crimp pliers

HC-CST-MOD - Coding element

1636127

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

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HC-CBU-MOD - Coding element

1636130

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

HC-M-B06-MFH-H - Module carrier frame

1182087

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Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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