

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



1182085

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

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: 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	AF7ACD
GTIN	4063151218737
Weight per piece (including packing)	60 g
Weight per piece (excluding packing)	59.1 g
Customs tariff number	85389099
Country of origin	CN

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



1182085

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

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	B6
Number of module slots	2
Frame type	Module carrier frame

Connection data

Conductor connection

Conductor cross-section	4 mm ² ... 6 mm ² (for PE conductor - power side)
	1 mm ² ... 2.5 mm ² (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

Dimensional drawing	
Width	34.9 mm

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



1182085

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

Height	36 mm
Length	51 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	HC-MHR-PE16 (1636981) for PE connection extension to 16 mm ² .
	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

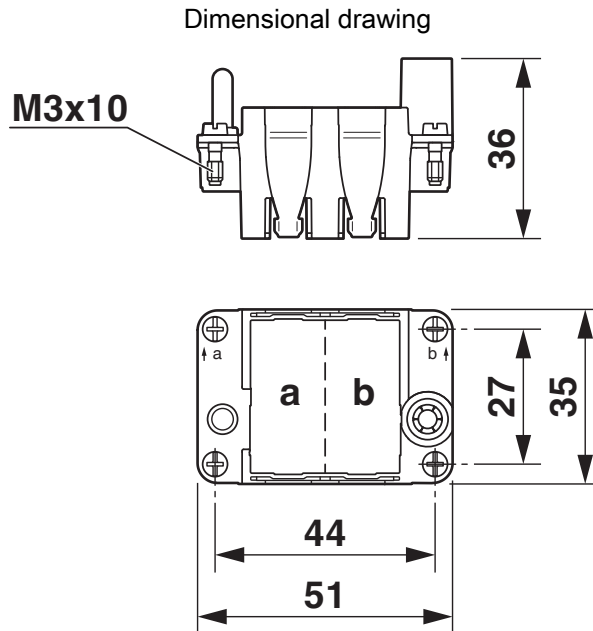
HC-M-B06-MFH-B - Module carrier frame



1182085

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

Drawings



Dimensional drawing

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



1182085

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

Approvals

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



CSA

Approval ID: 158887



UL Recognized

Approval ID: E118976



UL Recognized

Approval ID: E118976

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



1182085

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

Classifications

ECLASS

ECLASS-13.0	27440206
ECLASS-15.0	27440206

ETIM

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

UNSPSC

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

1182085

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

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

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