

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



1182090

<https://www.phoenixcontact.com/us/products/1182090>

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Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm²,
application: Module carrier frame



Commercial data

Item number	1182090
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACD
GTIN	4063151218652
Weight per piece (including packing)	85.3 g
Weight per piece (excluding packing)	82.2 g
Customs tariff number	85389099
Country of origin	CN

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Technical data

Notes

General	This product replaces 1417400 HC-M-B16-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	B16
	B32
Number of module slots	4
Frame type	Module carrier frame

Connection data

Conductor connection

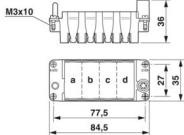
Conductor cross-section	4 mm² ... 6 mm² (for PE conductor - power side)
	1 mm² ... 2.5 mm² (for PE conductor control side)
Connection cross section AWG	12 ... 10 (for PE conductor - power side)
	18 ... 14 (for PE conductor control side)
Tightening torque	0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Dimensions

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Dimensional drawing	
Width	34.9 mm
Height	36 mm
Length	84.5 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

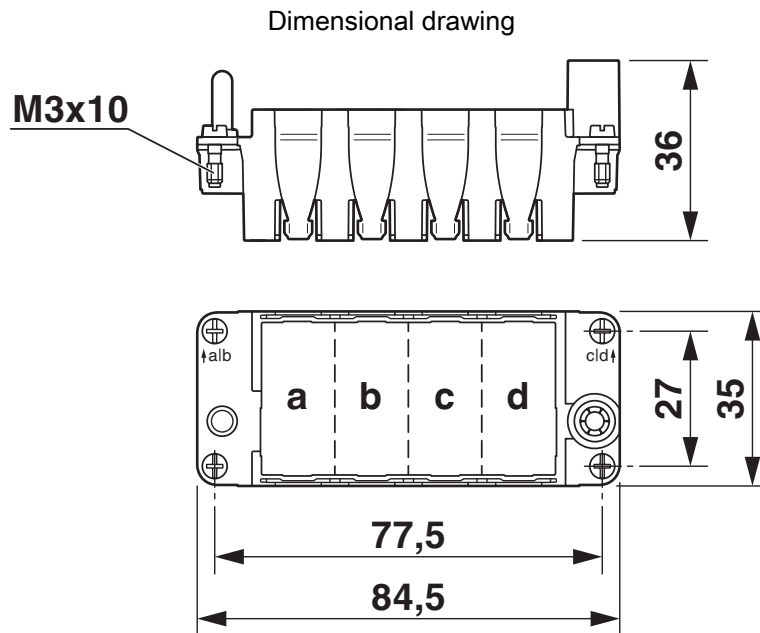
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Drawings



Dimensional drawing

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1182090>



UL Recognized
Approval ID: E118976



UL Recognized
Approval ID: E118976



CSA
Approval ID: 158887



UL Recognized
Approval ID: E468743

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Classifications

ECLASS

ECLASS-13.0	27440206
ECLASS-15.0	27440206

ETIM

ETIM 10.0	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, No exemptions
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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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