

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



1721378

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

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Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), Push-in connection, 0.5 mm² ... 6 mm², 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

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Technical data

Notes

General	Connectors may be operated only when there is no load/voltage.
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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 mm² ... 6 mm² (for PE conductor)
Stripping length	8 mm ... 10 mm (for PE conductor)

Dimensions

Dimensional drawing	
Width	34.9 mm
Height	36 mm

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Length	84.5 mm
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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

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

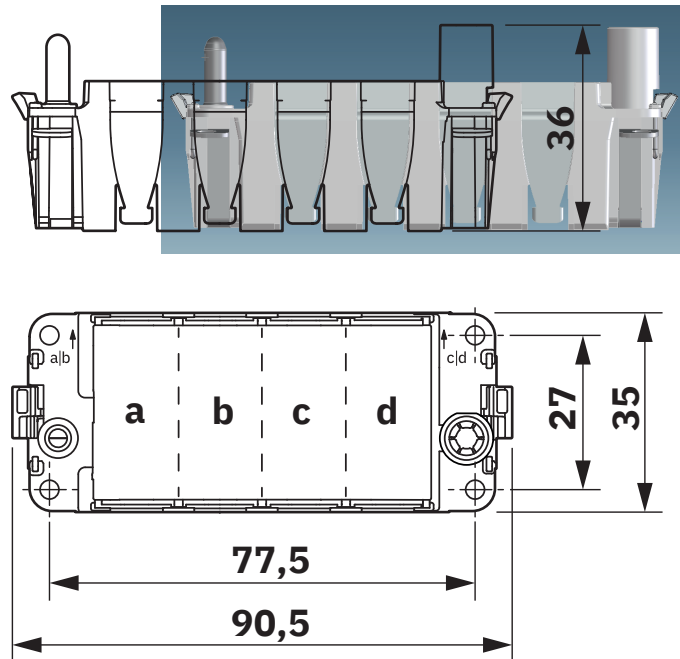
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Drawings

Dimensional drawing



Dimensional drawing

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Approvals

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



CSA
Approval ID: 158887

	UL Recognized Approval ID: E468743			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
PE connection	-	-	- 10	-

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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
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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Accessories

HC-M-MHR-PE16 - Cable lug

1636981

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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

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1721373

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Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), Push-in connection, 0.5 mm² ... 6 mm², application: Module carrier frame



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