

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

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.



Connector, number of positions: 8, power contacts: 0, control contacts: 8, Pin, Crimp connection, 48 V, 5 A, 0.09 mm² ... 0.52 mm², external cable diameter:3 mm ... 9.5 mm, application: Data/signal

Commercial data

Item number	1066082
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	BF7ACB
Catalog page	Page 583 (C-2-2019)
GTIN	4055626728889
Weight per piece (including packing)	31.976 g
Weight per piece (excluding packing)	31.976 g
Customs tariff number	85389099
Country of origin	CN

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

Technical data

Notes

General	Order crimp contacts CUC-DSC-C1BAU-S/DSC... separately
General	The potential of the EMC connector housing is isolated from the potential of the heavy connector.
General	Clamps for the clamping range of 3 mm - 6 mm and 6 mm - 9.5 mm
General	Can be used in Item No.: 1417374 HC-M-02-EMC-M

Product properties

Product type	EMC insert, modular
Series	HC-M-EMV
Application	Data/signal
Number of positions	8
Connection profile	8
Contact numbering	1 - 8
No. of cable outlets	1
No. of power contacts	0
No. of control contacts	8
Contact material type	turned
Shielded	yes

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	48 V
Rated surge voltage	0.8 kV
Rated current	5 A
Transmission characteristics (category)	CAT5e

Connection data

Connection technology

Connection technology	Crimp connection
-----------------------	------------------

Conductor connection

Conductor cross section	0.09 mm ² ... 0.52 mm ²
Connection cross section AWG	28 ... 20

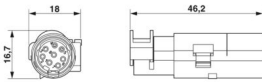
Dimensions

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

Dimensional drawing	
Height	15.5 mm
Length	46.2 mm

Mechanical characteristics

Contact diameter	1 mm
------------------	------

Material specifications

Material Line conductor	Zinc alloy
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

Cable/line

External cable diameter	3 mm ... 9.5 mm
-------------------------	-----------------

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
---------------------------------	------------------

Mounting

Assembly note	The round contact carrier can be separated in the middle for the purpose of assembling/disassembling contacts. Disassemble the connector from the plastic module using the tool, order no.: 1678635 HC-M-EMV-KON-EWZ
---------------	--

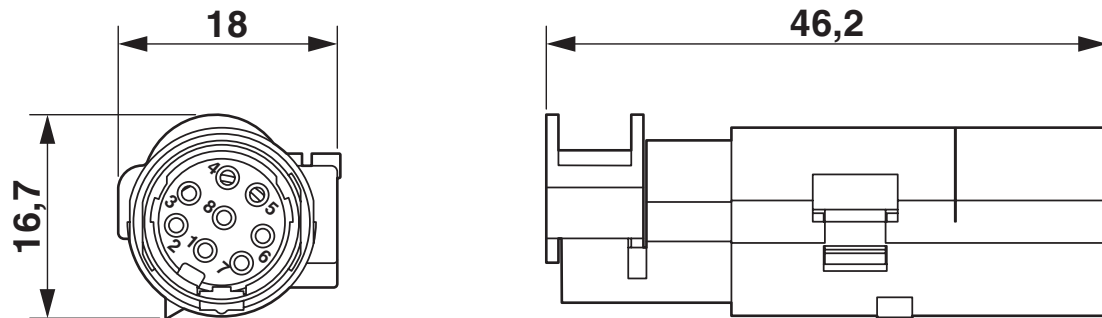
HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>

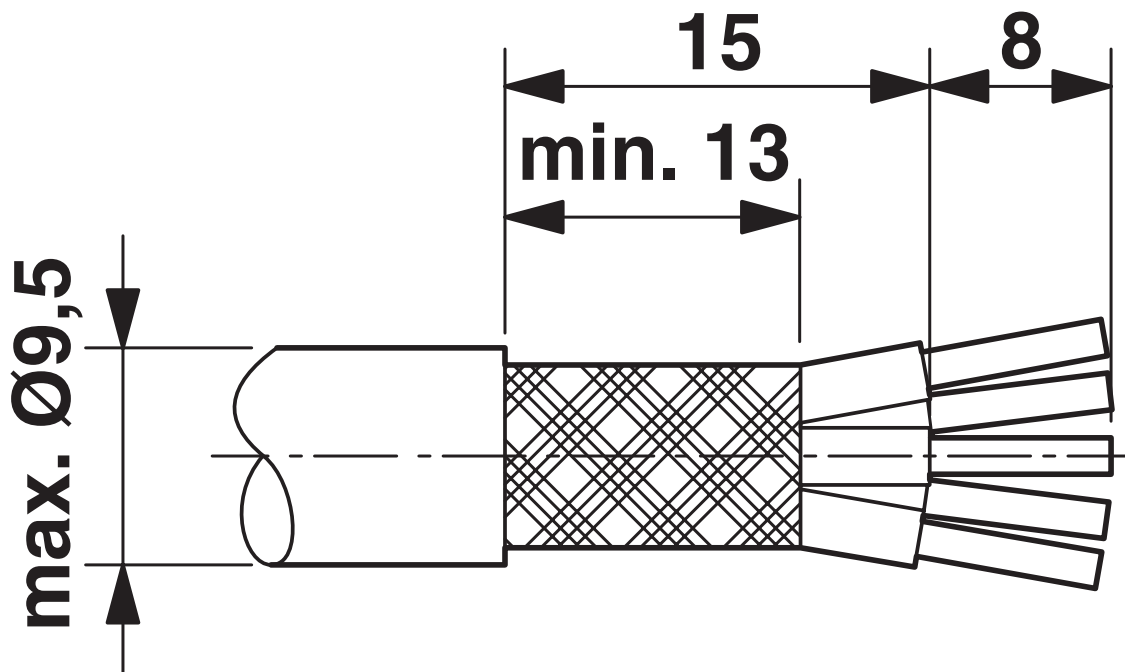
Drawings

Dimensional drawing



Male insert

Dimensional drawing



Stripping specifications

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1066082>



EAC

Approval ID: RU C-DE.BL08.B.00511

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

Classifications

ECLASS

ECLASS-11.0	27440205
ECLASS-12.0	27440205
ECLASS-13.0	27440205

ETIM

ETIM 9.0	EC000438
----------	----------

UNSPSC

UNSPSC 21.0	39121500
-------------	----------

HC-M-08-EMC-DSUB-M - Connector



1066082

<https://www.phoenixcontact.com/us/products/1066082>

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%

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



Accessories

HC-CBU-MOD - Coding element

1636130

<https://www.phoenixcontact.com/us/products/1636130>



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

HC-CST-MOD - Coding element

1636127

<https://www.phoenixcontact.com/us/products/1636127>



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

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



HC-M-02-EMC-M - Contact insert module

1417374

<https://www.phoenixcontact.com/us/products/1417374>



Contact insert module, number of positions: 2, Pin, Crimp connection, 48 V, 10 A, 0.14 mm² ... 2.5 mm², application: Data/signal, for using two EMC connectors (pin), number of positions: 1, 4, 8

CUC-DSC-C1BAU-S/DSC28 - D-SUB crimp contact

1418784

<https://www.phoenixcontact.com/us/products/1418784>



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 28- 24

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



CUC-DSC-C1BAU-S/DSC24 - D-SUB crimp contact

1418786

<https://www.phoenixcontact.com/us/products/1418786>



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 24- 20

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

1182085

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



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

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



HC-M-B10-MFH-B - Module carrier frame

1182088

<https://www.phoenixcontact.com/us/products/1182088>



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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

1182090

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



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

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



HC-M-B24-MFH-B - Module carrier frame

1182094

<https://www.phoenixcontact.com/us/products/1182094>

Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame



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

1182087

<https://www.phoenixcontact.com/us/products/1182087>

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



HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



HC-M-B10-MFH-H - Module carrier frame

1182089

<https://www.phoenixcontact.com/us/products/1182089>

Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



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

1182093

<https://www.phoenixcontact.com/us/products/1182093>

Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ...
6 mm², application: Module carrier frame



HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



HC-M-B24-MFH-H - Module carrier frame

1182095

<https://www.phoenixcontact.com/us/products/1182095>

Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame



HC-M-08-EMC-DSUB-F - Connector

1066080

<https://www.phoenixcontact.com/us/products/1066080>



Connector, number of positions: 8, power contacts: 0, control contacts: 8, Socket, Crimp connection, 48 V, 5 A, 0.09 mm² ... 0.52 mm², external cable diameter: 3 mm ... 9.5 mm, application: Data/signal

HC-M-08-EMC-DSUB-M - Connector

1066082

<https://www.phoenixcontact.com/us/products/1066082>



CRIMPFOX-TC MP - Crimping pliers with digital display

1212510

<https://www.phoenixcontact.com/us/products/1212510>



Crimping pliers, for turned contacts, universal cross section setting, up to a maximum of 2.5 mm², digital display with 0.01 mm increments, pressure lock can be unlocked, including positioning tool

HC-M-EMV-KON-EWZ - Contact removal tool

1678635

<https://www.phoenixcontact.com/us/products/1678635>



Contact removal tool for HC-M-EMV contact carriers

Phoenix Contact 2024 © - 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