

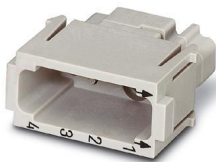
HC-M-04-MOD-BU - Contact insert module



1676789

<https://www.phoenixcontact.com/us/products/1676789>

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HEAVYCON contact insert module, 4-pos., for HC-M-04-ST-KOAX... coaxial contacts

Commercial data

Item number	1676789
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	BF7ACB
Catalog page	Page 563 (C-4-2015)
GTIN	4017918129385
Weight per piece (including packing)	8.75 g
Weight per piece (excluding packing)	8.75 g
Customs tariff number	85369010
Country of origin	DE

HC-M-04-MOD-BU - Contact insert module



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Technical data

Notes

General	For HEAVYCON housings type B6 to B48, HC-M-B...MF-... module carrier frame required, crimp contacts HC-M-04-KOAX... (crimp contacts not included in the scope of delivery)
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Product properties

Product type	Coaxial insert, modular
Series	HC-M-04-KOAX
Application	Signal
Number of positions	4
Connection profile	4xKOAX
Contact numbering	1 - 4
Number of module slots	1
Contact material type	turned

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

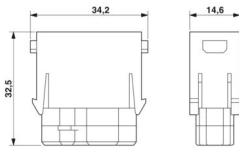
Rated voltage (III/3)	50 V
Rated surge voltage	3 kV
Rated current	1.5 A
Contact resistance, phase conductor	≤ 3 mΩ
Contact resistance, inner conductor	≤ 10 mΩ
Insulation resistance	≥ 10 GΩ

Connection data

Connection technology

Connection technology	Soldering and crimp connection
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Dimensions

Dimensional drawing	
Width	34.2 mm
Height	32.6 mm
Length	14.6 mm

Mechanical characteristics

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Contact diameter	4.8 mm
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Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

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

Assembly note	For housing heights ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
	For HC-M-04-ST-KOAX... contacts

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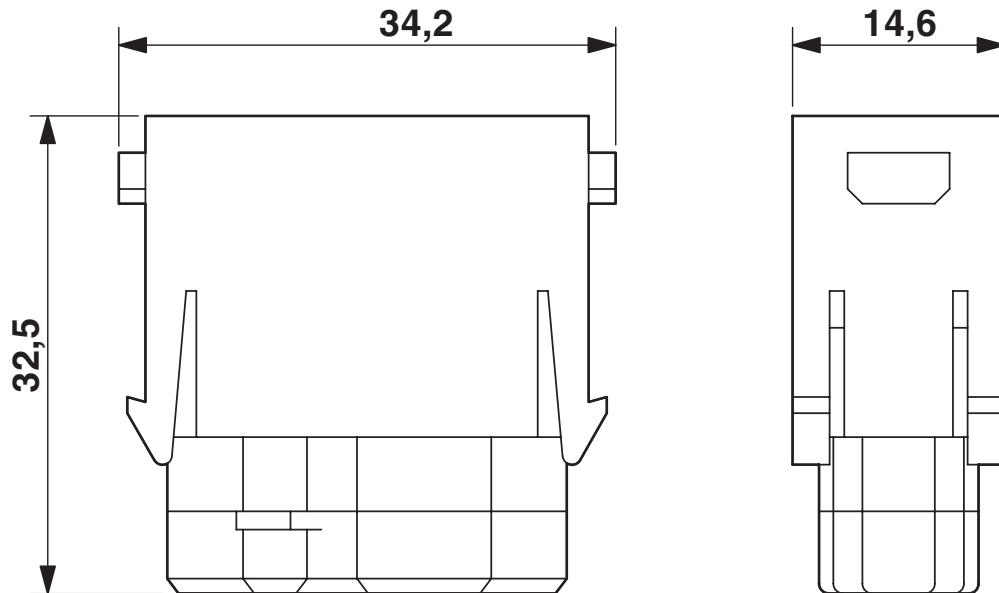
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Drawings

Dimensional drawing



Female insert

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Accessories

HC-M-04-ST-KOAX-50 - Coaxial contact

1676815

<https://www.phoenixcontact.com/us/products/1676815>



Coaxial contact, contact diameter: 4.8 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.14 mm² ... 2.5 mm², AWG 26 ... 14, Wave impedance: 50 Ω

HC-M-04-ST-KOAX-75 - Coaxial contact

1686245

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Coaxial contact, contact diameter: 4.8 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.14 mm² ... 2.5 mm², AWG 26 ... 14, Wave impedance: 75 Ω

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

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

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

1182088

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

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

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



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

1182094

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



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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

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

1182089

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

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

1182093

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



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

1182095

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



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CRIMPFOX-CX 4,52 - Crimping pliers

1212094

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Crimping pliers, for coaxial connectors, 3.25 mm, 4.52 mm, 1.69 mm, HEX crimp

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