

1424438
<https://www.phoenixcontact.com/us/products/1424438>

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Contact insert module, Socket, Screw connection, 0.5 mm² ... 6 mm², application: PE transmission, for housing size HC-EVO-M1

Commercial data

Item number	1424438
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	BF7ACE
Catalog page	Page 595 (C-2-2019)
GTIN	4055626372570
Weight per piece (including packing)	20.15 g
Weight per piece (excluding packing)	18.85 g
Customs tariff number	85366990
Country of origin	CN

HC-1/2M-UT-F-6-PE - Contact insert module



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Technical data

Notes

General	For HEAVYCON housing type HC-EVO-M1
General	Connectors may be operated only when there is no load/voltage.

Product properties

Product type	Modular contact insert
Series	HC-EVO-M1
Application	PE transmission
Number of positions	1
Contact material type	turned

Data management status

Article revision	05
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Connection data

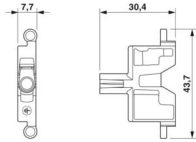
Connection technology

Connection technology	Screw connection
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Conductor connection

Conductor cross section	0.5 mm² ... 6 mm²
Connection cross section AWG	20 ... 10
Tightening torque	0.8 Nm ... 1.2 Nm (PE connection) 0.5 Nm ... 0.8 Nm (Mounting screws for mounting in the HEAVYCON housing)

Dimensions

Dimensional drawing	
Width	30.6 mm
Height	43.7 mm
Length	7.7 mm
Drill hole distance, horizontal	30.6 mm

Mechanical characteristics

Contact diameter	4 mm
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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1424438

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Material specifications

Flammability rating according to UL 94	V0
Contact carrier material	Die-cast zinc alloy

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-40 °C ... 125 °C

HC-1/2M-UT-F-6-PE - Contact insert module

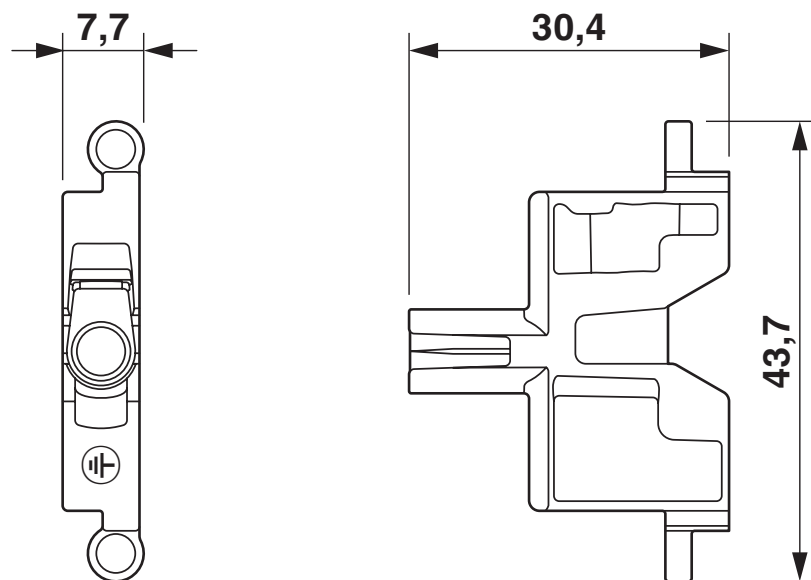


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Drawings

Dimensional drawing



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1424438

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1424438>



EAC

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

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1424438

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Classifications

ECLASS

ECLASS-11.0	27440217
ECLASS-12.0	27440217
ECLASS-13.0	27440217

ETIM

ETIM 8.0	EC000438
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UNSPSC

UNSPSC 21.0	39121400
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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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1424438

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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

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

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1424438

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HC-EVO-M1-BWS-PLRBK - Housing

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Panel mounting base M1, with single locking latch, material: PA, height: 24 mm, cable gland: none, protective cover: no, Standard, for modular contact inserts

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

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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

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

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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



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



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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



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



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1424438

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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-1/2M-UT-M-6-PE - Contact insert module

1424439

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Contact insert module, Pin, leading, Screw connection, 0.5 mm² ... 6 mm², application: PE transmission, for housing size HC-EVO-M1



HC-1/2M-UT-F-6-PE - Contact insert module



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SF-PH 1-80 - Screwdriver

1212559

<https://www.phoenixcontact.com/us/products/1212559>



Screwdriver, PH crosshead (lasered), uninsulated, size: PH 1 x 80, 2-component grip, with non-slip grip

SF-SL 0,6X3,5-100 - Screwdriver

1212549

<https://www.phoenixcontact.com/us/products/1212549>



Screwdriver, bladed (lasered), size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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