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

1424438

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

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Contact insert module, Socket, Screw connection, 0.5 mm^2 ... 6 mm^2, 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

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

Connection data

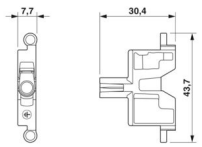
Connection technology

Connection technology	Screw connection

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

Material specifications

Flammability rating according to UL 94	V0

Contact carrier material	Die-cast zinc alloy

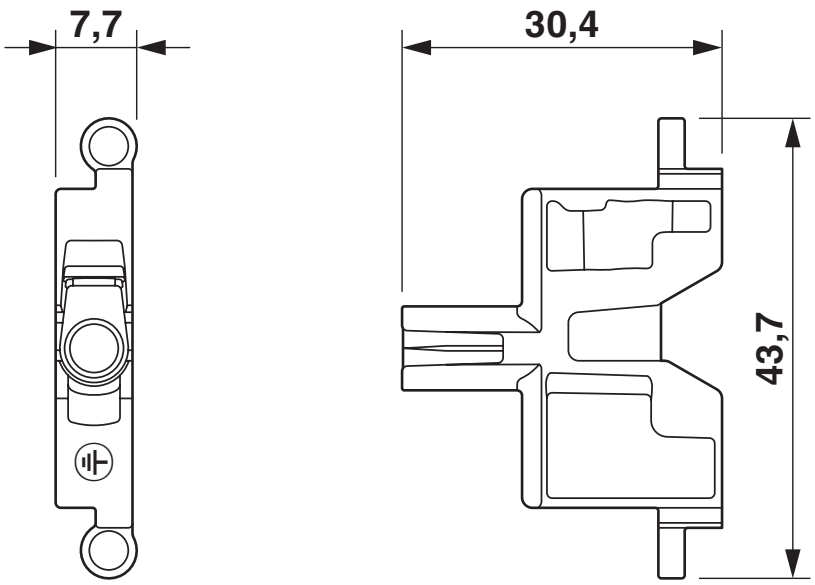
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing



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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000438

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	23f56903-310f-404d-9df8-f0213a48033a

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-EVO-M1-BWS-PLRBK - Housing

1424437

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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

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



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm^2 ... 6 mm^2, application: Module carrier frame

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 mm^2 ... 6 mm^2, 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 mm^2 ... 6 mm^2, application: Module carrier frame

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 mm^2 ... 6 mm^2, 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 mm^2 ... 6 mm^2, application: Module carrier frame

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

1182089

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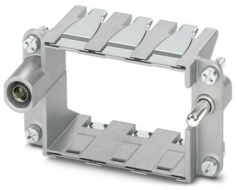

Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm^2 ... 6 mm^2, application: Module carrier frame

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 mm^2 ... 6 mm^2, 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 mm^2 ... 6 mm^2, application: Module carrier frame

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

1424439

https://www.phoenixcontact.com/us/products/1424439



Contact insert module, Pin, leading, Screw connection, 0.5 mm^2 ... 6 mm^2, application: PE transmission, for housing size HC-EVO-M1

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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