

# Contact insert module - HC-M-08-PT-F - 1424226

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Contact insert module, number of positions: 8, power contacts: 8, control contacts: 0, Socket, Push-in connection, 400 V, 16 A, 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Power



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626369570
Weight per Piece (excluding packing)	0.010 g
Custom tariff number	85366990
Country of origin	China

## Technical data

### Dimensions

Height	39 mm
Width	34.1 mm
Length	14.6 mm

### Electrical characteristics

Rated voltage (III/3)	400 V
Rated current	16 A (power contacts)
Rated surge voltage	6 kV
Connection profile	8

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Mechanical characteristics

Conductor cross section	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> (with ferrule)
Connection cross section AWG	20 ... 14 (with ferrule)

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## Technical data

### Mechanical characteristics

Stripping length of the individual wire	10 mm
Contact diameter	2.5 mm
Insertion/withdrawal cycles	≥ 500

### General

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required. Connectors may be operated only when there is no load/voltage.
Series	HC-M-08
Number of module slots	1
Connection method	Push-in connection
Contact type	turned
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	To ensure correct use, installation in housing with IP54 protection or better is required

### Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

### Standards and Regulations

Flammability rating according to UL 94	V0
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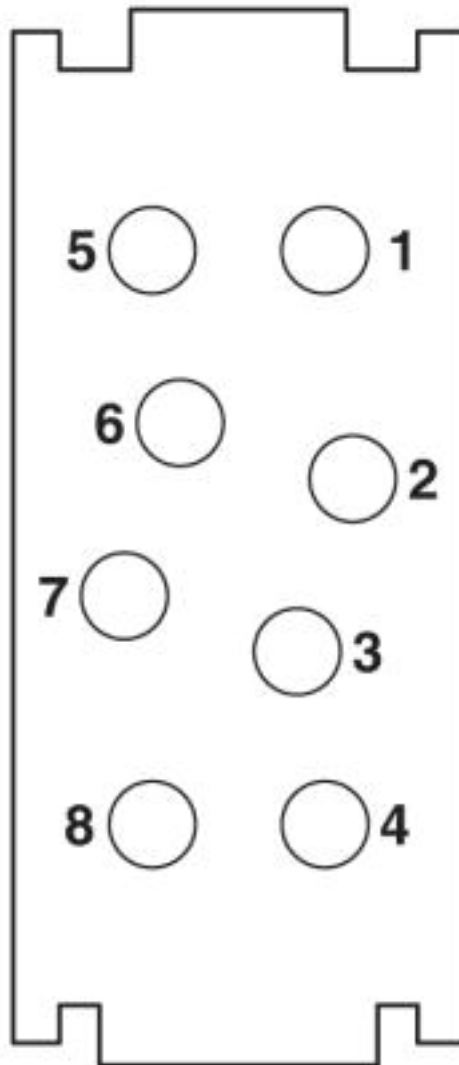
### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

## Contact insert module - HC-M-08-PT-F - 1424226

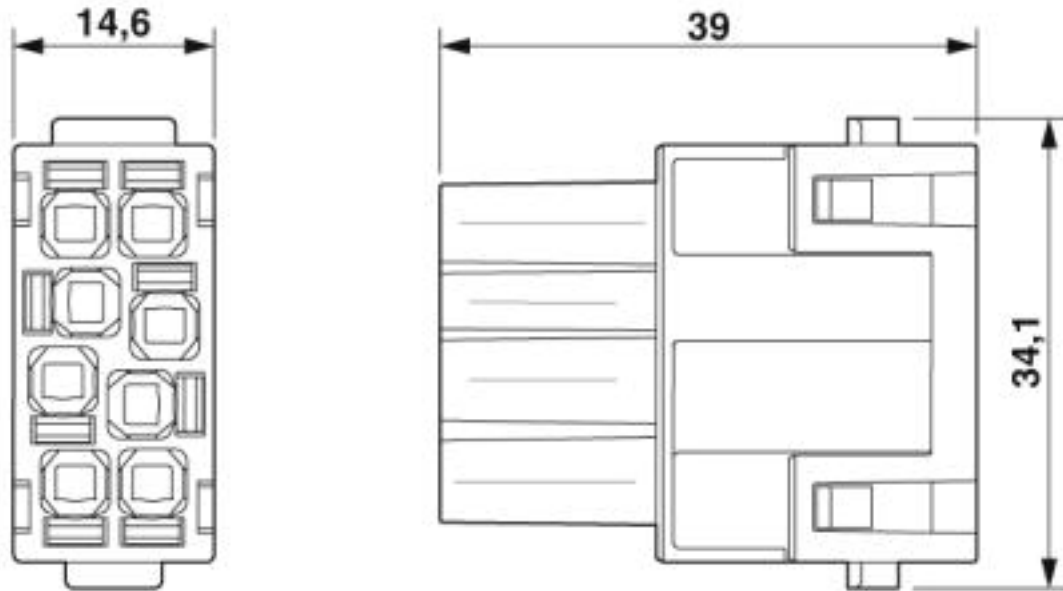
Schematic diagram



Connector pin assignment, connection side

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Dimensional drawing



Dimensional drawing

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440217
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440207
eCl@ss 9.0	27440217

### ETIM

ETIM 6.0	EC000438
ETIM 7.0	EC000438

## Approvals

### Approvals

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Approvals

EAC / EAC

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Ex Approvals

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### Approval details

## Contact insert module - HC-M-08-PT-F - 1424226

### Approvals

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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### Accessories

#### Accessories

##### Crimping tool

Crimping pliers - CRIMPFOX CENTRUS 6S - 1213144



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 6 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

Crimping pliers - CRIMPFOX CENTRUS 10S - 1213154



Crimping pliers, for uninsulated and insulated ferrules, DIN 46228 Part 1 and 4, from 0.14 mm<sup>2</sup> ... 10 mm<sup>2</sup>, also for TWIN ferrules up to 2 x 4 mm<sup>2</sup>, automatic cross section adjustment, lateral insertion, equipped with fall protection

##### Module carrier frame

Module carrier frame - HC-M-B06-MFH-B - 1182085



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

Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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### Accessories

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#### Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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#### Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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#### Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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#### Module carrier frame - HC-M-B10-MFH-H - 1182089



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

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#### Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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## Contact insert module - HC-M-08-PT-F - 1424226

### Accessories

Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm<sup>2</sup> ... 6 mm<sup>2</sup>, application: Module carrier frame

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### Additional products

Contact insert module - HC-M-08-PT-M - 1424227



Contact insert module, number of positions: 8, power contacts: 8, control contacts: 0, Pin, Push-in connection, 400 V, 16 A, 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, application: Power