

Contact insert module - HC-M-05-PT-M - 1417372

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Contact insert module, number of positions: 5, power contacts: 5, control contacts: 0, Pin, Push-in connection, 400 V, 16 A, 0.14 mm² ... 2.5 mm², application: Power

RoHS

COMPLETE RoHS

Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 112541
GTIN	4055626112541

Technical data

Dimensions

Height	35.5 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Rated voltage (III/3)	400 V
Rated current	16 A
Rated surge voltage	6 kV
Connection profile	5

Ambient conditions

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

Conductor cross section	0.14 mm ² ... 2.5 mm ² (with ferrule)
Connection cross section AWG	26 ... 14 (with ferrule)
Stripping length of the individual wire	8 mm ±1 mm
Contact diameter	2.5 mm

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Technical data

Mechanical characteristics

Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF... module carrier frame required
	For solid conductors or stranded conductors with ferrules
	Connectors may be operated only when there is no load/voltage.
Series	HC-M-05
Color	light gray
Number of module slots	1
Connection method	Push-in connection
Contact type	rolled
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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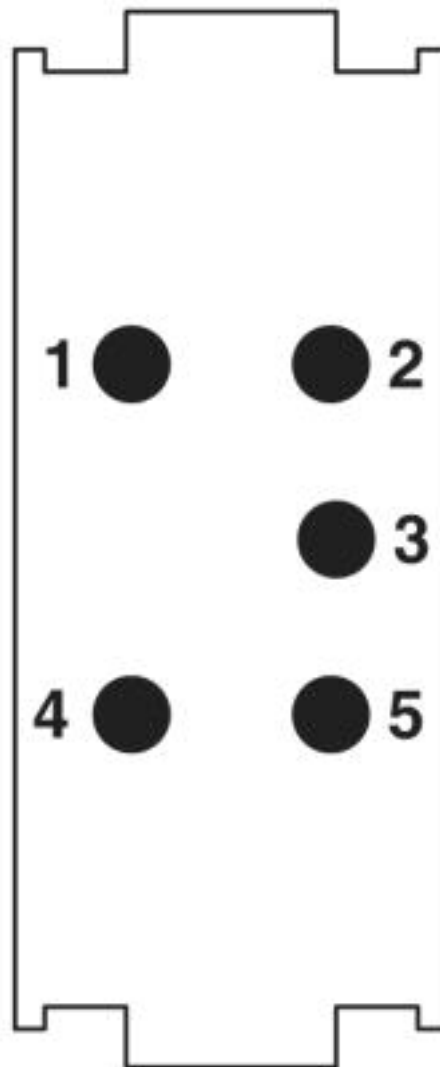
Environmental Product Compliance

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

Drawings

Contact insert module - HC-M-05-PT-M - 1417372

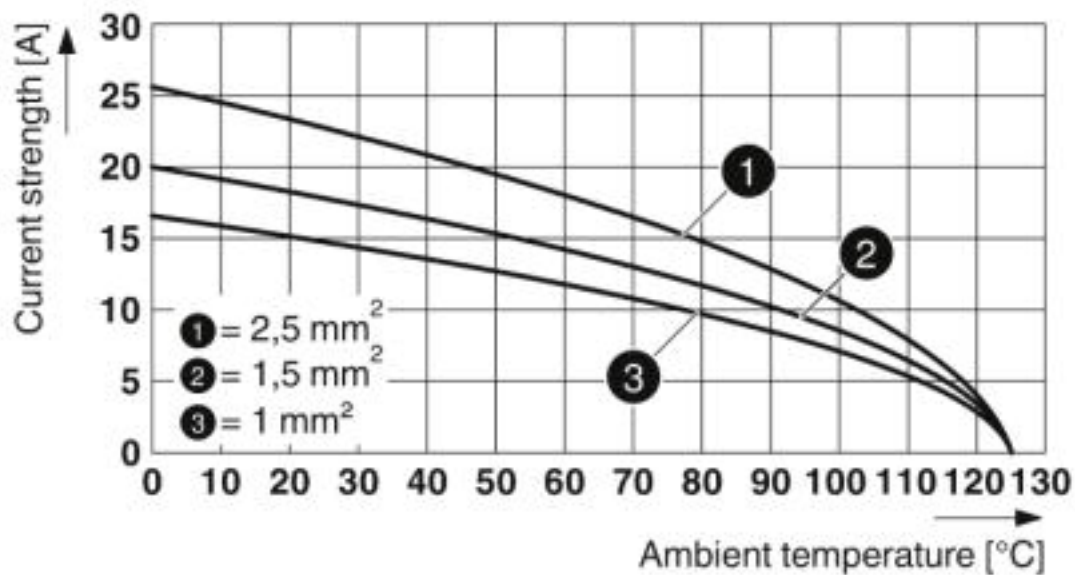
Schematic diagram



Connector pin assignment, connection side

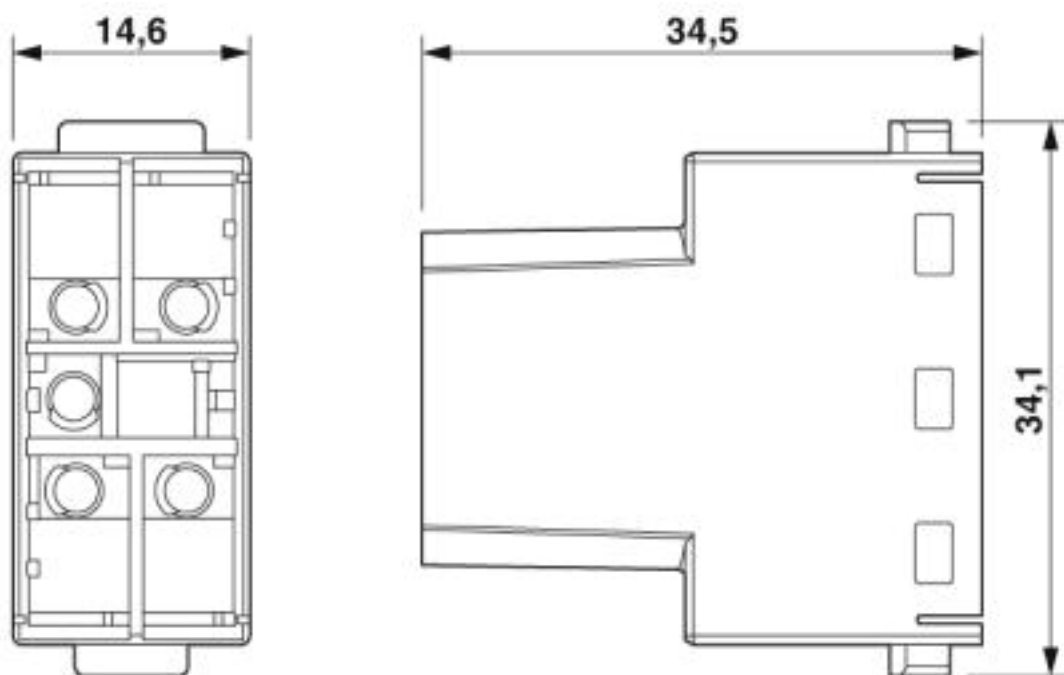
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Diagram



Derating diagram

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1

27440217

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Classifications

eCl@ss

eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440217

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 13.2	39121421
UNSPSC 18.0	39121421
UNSPSC 19.0	39121421
UNSPSC 20.0	39121421
UNSPSC 21.0	39121421

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN	600 V		
Nominal current IN	15 A		
mm²/AWG/kcmil	14		

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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN	600 V		
Nominal current IN	19 A		
mm²/AWG/kcmil	14		

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 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

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 mm² ... 6 mm², 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 mm² ... 6 mm², application: Module carrier frame

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Accessories

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



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

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



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

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



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

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



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

Module carrier frame - HC-M-B16-MFH-H - 1182093



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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Accessories

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



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

Additional products

Contact insert module - HC-M-05-PT-F - 1417373



Contact insert module, number of positions: 5, power contacts: 5, control contacts: 0, Socket, Push-in connection, 400 V, 16 A, 0.14 mm² ... 2.5 mm², application: Power

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