

Contact insert module - HC-M-06-PT-M - 1424225

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Contact insert module, number of positions: 6, power contacts: 6, control contacts: 0, Pin, Push-in connection, 500 V, 16 A, 0.5 mm² ... 2.5 mm², application: Power



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626369563

Technical data

Dimensions

Height	39 mm
Width	34.1 mm
Length	14.6 mm

Electrical characteristics

Rated voltage (III/3)	500 V
Rated current	16 A (power contacts)
Rated surge voltage	6 kV
Connection profile	6

Ambient conditions

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

Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	20 ... 14
Stripping length of the individual wire	10 mm
Contact diameter	2.5 mm
Insertion/withdrawal cycles	≥ 500

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Technical data

General

Note	for flexible conductors with or without ferrules
	Connectors may be operated only when there is no load/voltage.
	For HEAVYCON housing type B6 ... B48 and module carrier frame HC-M-B...MF-...
Series	HC-M-06
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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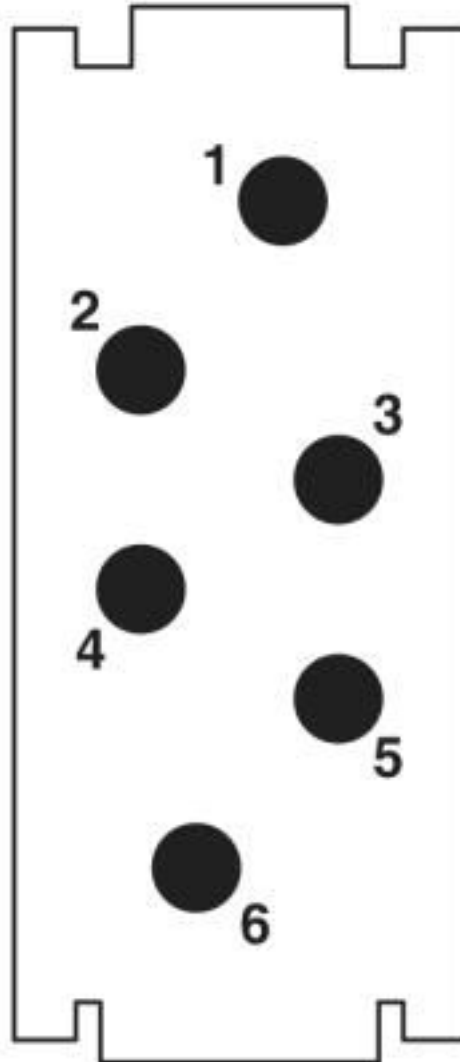
Environmental Product Compliance

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

Drawings

Contact insert module - HC-M-06-PT-M - 1424225

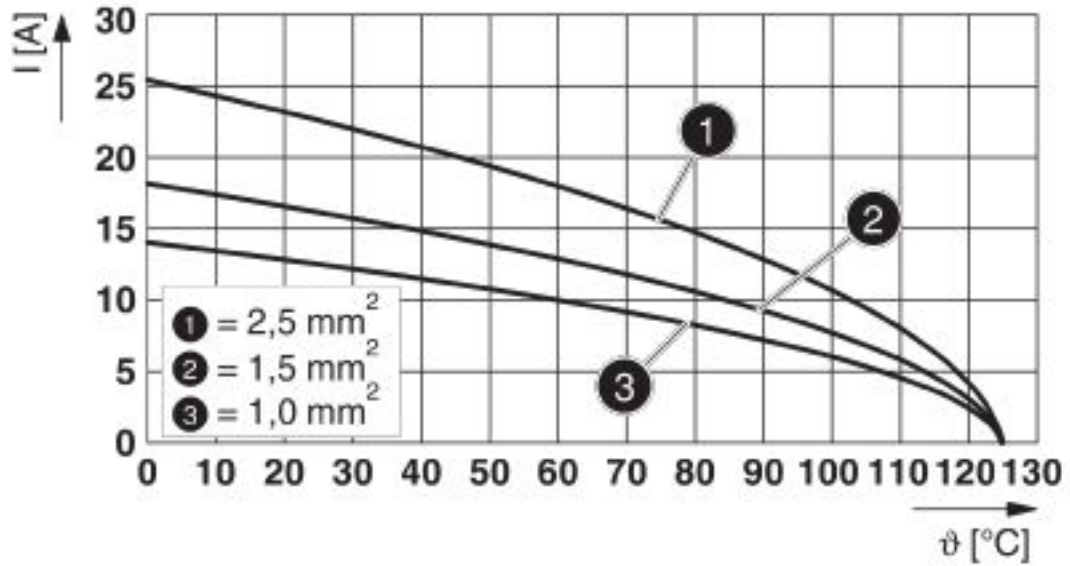
Schematic diagram



Connector pin assignment, connection side

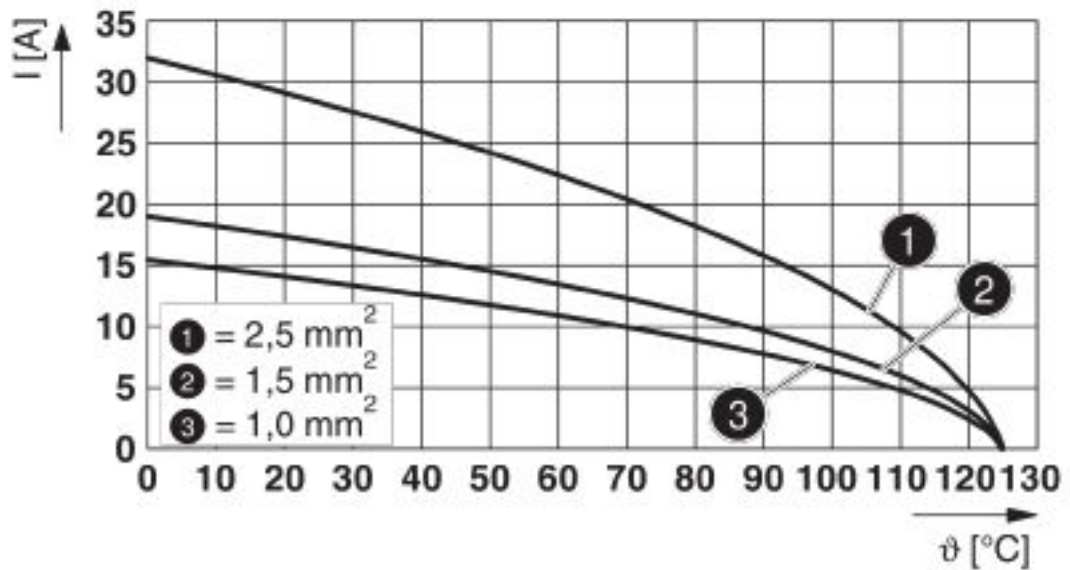
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Diagram



Derating diagram for flexible conductors

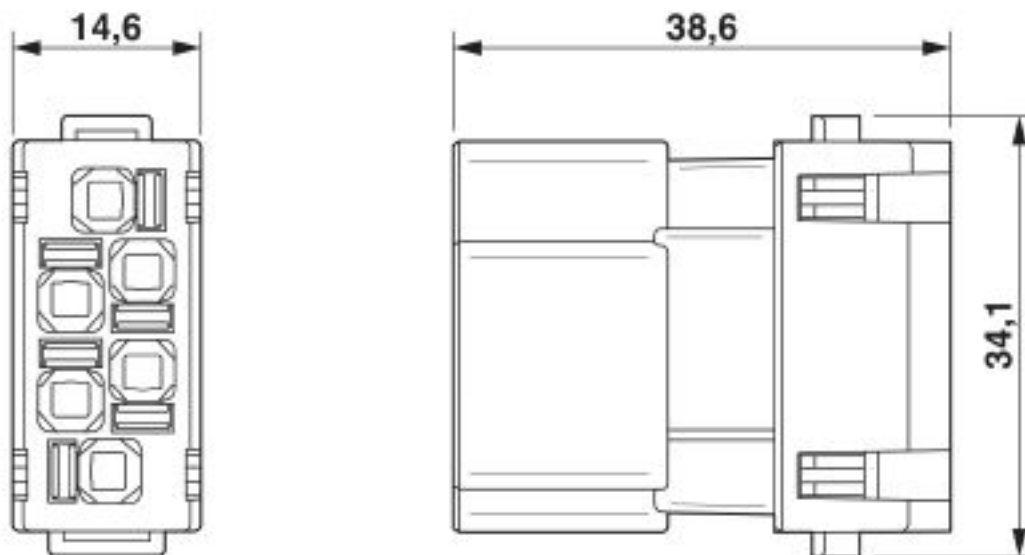
Diagram



Derating diagram for flexible conductors with ferrule

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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

Approvals

EAC / EAC

Ex Approvals

Approval details

Contact insert module - HC-M-06-PT-M - 1424225

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 mm² ... 6 mm², also for TWIN ferrules up to 2 x 4 mm², 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 mm² ... 10 mm², also for TWIN ferrules up to 2 x 4 mm², 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 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-06-PT-F - 1424224



Contact insert module, number of positions: 6, power contacts: 6, control contacts: 0, Socket, Push-in connection, 500 V, 16 A, 0.5 mm² ... 2.5 mm², application: Power

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