

Contact insert module - HC-M-04-CT-M - 1414362

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Contact insert module, Number of positions: 4, Pin, Crimp connection, 830 V, 40 A, 1.5 mm² ... 6 mm², Application: Power

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025056
GTIN	4055626025056
Weight per Piece (excluding packing)	8.000 g
Custom tariff number	85389099
Country of origin	Poland

Technical data

Dimensions

Height	44.6 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Note	For HEAVYCON HC-B6 to B48 housing, HC-M-B...-MF-... module carrier frame required, crimp connection, crimp contacts not supplied as standard.
Rated voltage (III/3)	830 V
Rated current	40 A
Rated surge voltage	8 kV
Connection profile	4

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Technical data

Ambient conditions

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

Conductor cross section	1.5 mm ² ... 6 mm ²
Connection cross section AWG	16 ... 10
Stripping length of the individual wire	9 mm (9.6 mm (4-6 mm ²))
	9.6 mm (4 mm ² ... 6 mm ²)
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Series	HC-M-04
Color	light gray
Number of module slots	1
Connection method	Crimp connection
Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	For housing heights ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
Connection	The module cannot be used simultaneously with the HC-B..-TMB-SD-IP65 and HC-B..-TMS-SD-IP65 protective covers.

Material data

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

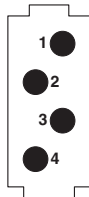
Standards and Regulations

Connection in acc. with standard	IEC / EN
Flammability rating according to UL 94	V0

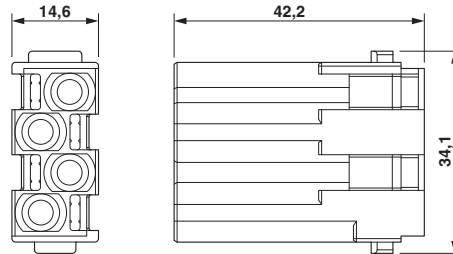
Drawings

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Schematic diagram

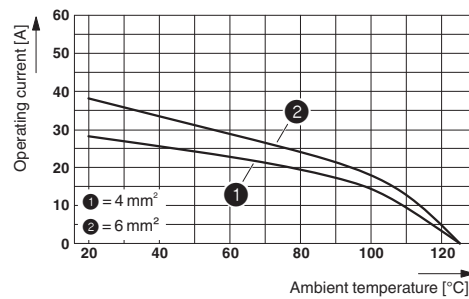


Dimensional drawing



Connector pin assignment, connection side

Diagram



Derating diagram (6 modules in HC-B 24 housing)

Classifications

eCl@ss

eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 8.0	27440205
eCl@ss 9.0	27440217

ETIM

ETIM 5.0	EC000438
ETIM 6.0	EC000438

UNSPSC

UNSPSC 13.2	39121421
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Approvals

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Approvals

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EAC / UL Recognized / CSA

Ex Approvals

Approval details

EAC		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	7500651.22.01.00246
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
mm ² /AWG/kcmil	10		
Nominal current I _N	37 A		
Nominal voltage U _N	600 V		

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil	10		
Nominal current I _N	30 A		
Nominal voltage U _N	830 V		

Accessories

Accessories

Assembly tool

Assembly tool - CK4,0-EWZ - 1662735



Contact removal tool, for rotated CK-4,0-... contacts

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Accessories

Assembly tool - CK4,0-EWZ - 1662735



Contact removal tool, for rotated CK-4,0-... contacts

Crimp contact

Crimp contact - CK4,0-ED-1,50ST AG - 1663239



Turned 4.0 crimp contact, individual male contact, core diameter 1.5 mm², silver-plated

Crimp contact - CK4,0-ED-2,50ST AG - 1663242



Turned 4.0 crimp contact, individual male contact, core diameter 2.50 mm², silver-plated

Crimp contact - CK4,0-ED-4,00ST AG - 1663255



Turned 4.0 crimp contact, individual male contact, core diameter 4.00 mm², silver-plated

Crimp contact - CK4,0-ED-6,00ST AG - 1663268



Turned 4.0 crimp contact, individual male contact, core diameter 6.00 mm², silver-plated

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Accessories

Crimp contact - CK4,0-ED-10,00ST AG - 1586198



Turned 4.0 crimp contact, single male contact, 10 mm² conductor cross section, silver-plated

Crimping tool

Crimping pliers - CRIMPFOX-TC 4 - 1212113



Crimping pliers, for CK 1,6-ED..., CK 2,5-ED..., CK 4,0-ED... turned contacts, 4 marked die stations, unlockable pressure lock, lateral entry, incl. positioning tool

Crimping pliers - CRIMPFOX-TC 10 - 1212114



Crimping pliers, for turned contacts with a pin diameter of 4.0 mm, two marked die stations, pressure lock can be released, lateral entry, incl. positioning help

Module carrier frame

Module carrier frame - HC-M-B06-MF-B - 1417398



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-MF-B - 1417399



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-MF-B - 1417400



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-MF-B - 1417402



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-MF-H - 1417403



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-MF-H - 1417404



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-MF-H - 1417405



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-MF-H - 1417406



Module carrier frame, Size: B24, Type: for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², Application: Module carrier frame