

Contact insert module - HC-M-06P-CT-F - 1414369

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Contact insert module, number of positions: 6, power contacts: 6, control contacts: 0, Socket, Crimp connection, 830 V, 16 A, 0.5 mm² ... 4 mm², application: Power



COMPLIANT

Key Commercial Data

Packing unit	5 pc
Minimum order quantity	5 pc
GTIN	 4 055626 025223
GTIN	4055626025223
Weight per Piece (excluding packing)	8.740 g
Custom tariff number	85389099
Country of origin	Poland

Technical data

Dimensions

Height	37.4 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Rated voltage (III/3)	830 V
Rated current	16 A
Rated surge voltage	8 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 ... 4 mm ²
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Technical data

Mechanical characteristics

Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm
Contact diameter	2.5 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... hinged module carrier frame required, CK2,5-ED... imp contacts, crimp contacts not supplied as standard.
	Connectors may be operated only when there is no load/voltage.
Series	HC-M-06
Color	light gray
Number of module slots	1
Connection method	Crimp 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 (alternatively Au)
Contact carrier material	PC

Standards and Regulations

Flammability rating according to UL 94	V0
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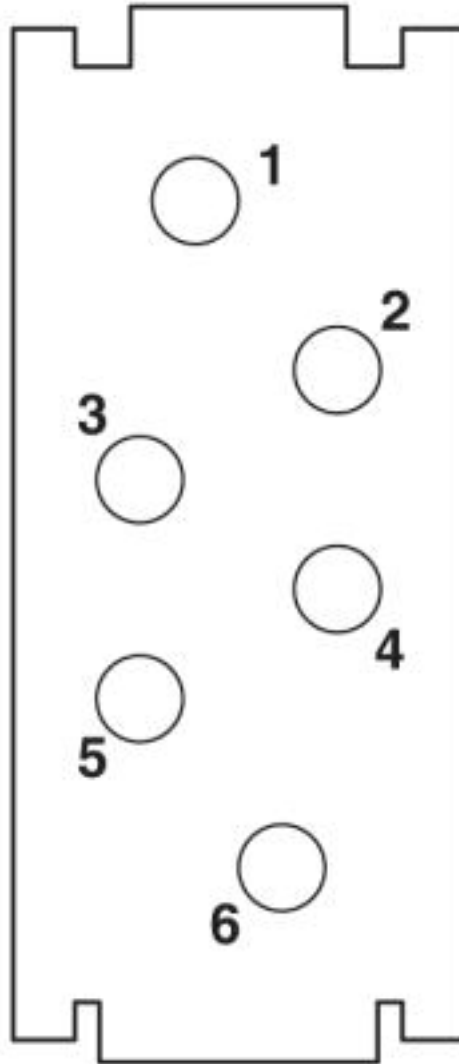
Environmental Product Compliance

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

Drawings

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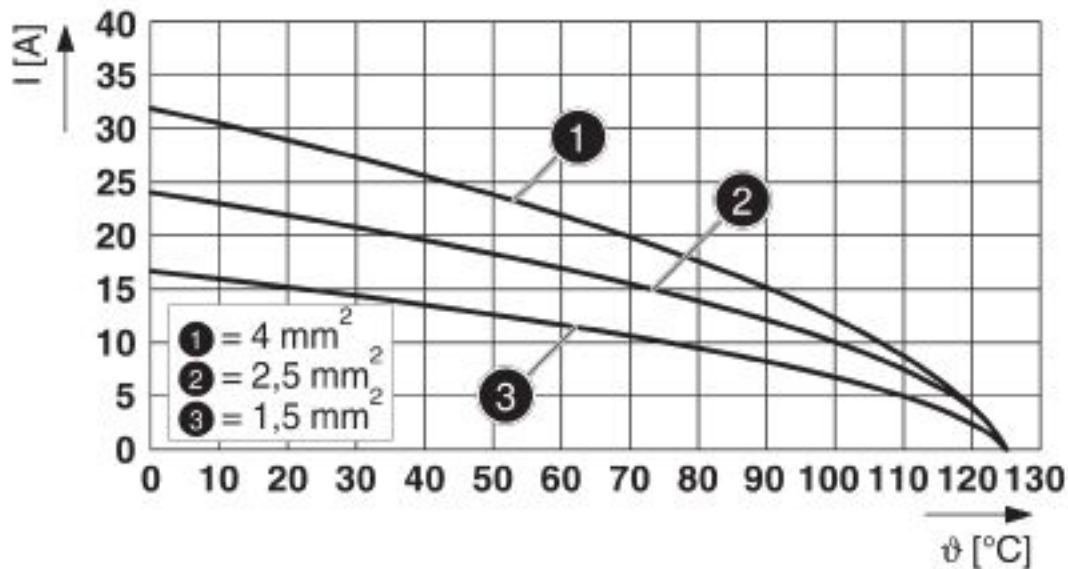
Schematic diagram



Connector pin assignment, connection side

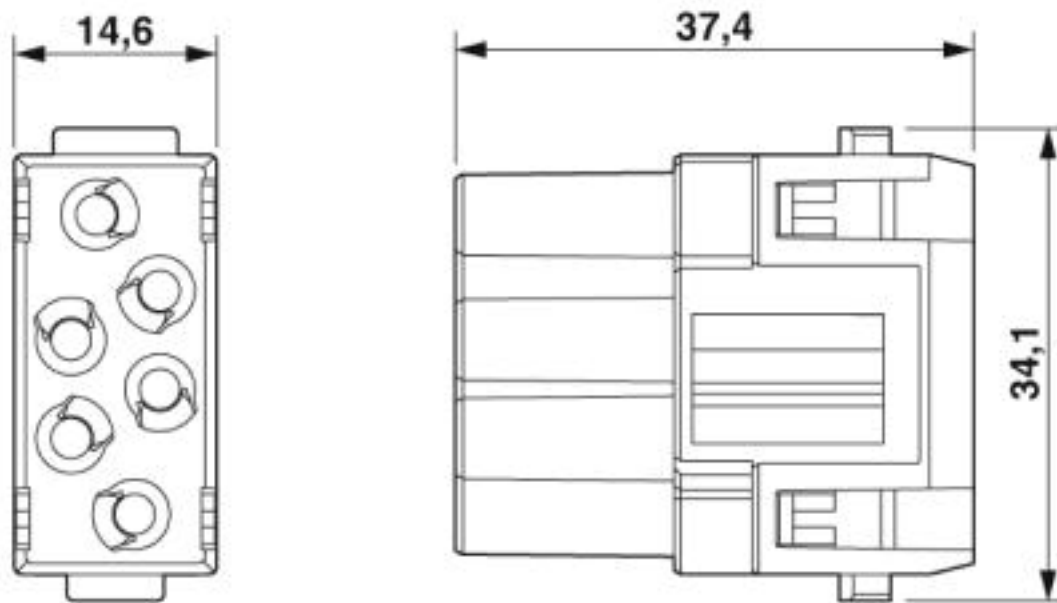
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Diagram



Derating diagram

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440217
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200



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Classifications

eCl@ss

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
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Approvals


Approvals


Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		600 V	
Nominal current IN		18 A	
mm ² /AWG/kcmil		12	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		600 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		12	

<https://www.phoenixcontact.com/gb/products/1414369>



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Approvals

EAC	The EAC (Euro-Asia Conformity Assessment) logo, consisting of the letters 'EAC' in a bold, stylized font.	RU C- DE.AI30.B.01102
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