

1585605
<https://www.phoenixcontact.com/us/products/1585605>

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HEAVYCON contact insert module, socket, 4-pos. to 40 A, crimp connection

Commercial data

Item number	1585605
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	BF7ACB
Catalog page	Page 555 (C-4-2015)
GTIN	4046356290043
Weight per piece (including packing)	10.85 g
Weight per piece (excluding packing)	10.4 g
Customs tariff number	85366990
Country of origin	DE

HC-M-04-MOD-BUC - Contact insert module



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Technical data

Notes

General	For HEAVYCON HC-B6 to B48 housing, HC-M-MHR... hinged retaining frame required, crimp connection (crimp contacts not supplied as standard)
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Mounting

Assembly note	For housing heights ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage. The module cannot be used simultaneously with the HC-B..-TMB-SD-IP65 and HC-B..-TMS-SD-IP65 protective covers.
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Product properties

Product type	Modular contact insert
Series	HC-M-04
Application	Power
Number of positions	4
Connection profile	4
Contact numbering	1 - 4
Number of module slots	1
Contact material type	turned

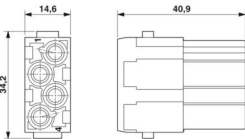
Insulation characteristics	
Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology	
Connection technology	Crimp connection

Conductor connection	
Conductor cross section	1.5 mm ² ... 6 mm ²
Connection cross section AWG	16 ... 10
Stripping length of the individual wire	9 mm (for 1.5 ... 2.5 mm ²) 9.6 mm (4 ... 6 mm ²)

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	40.9 mm

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Length	14.6 mm
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Mechanical characteristics

Contact diameter	4 mm
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Electrical properties

Rated voltage (III/3)	830 V
Rated surge voltage	8 kV
Rated current	40 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PC

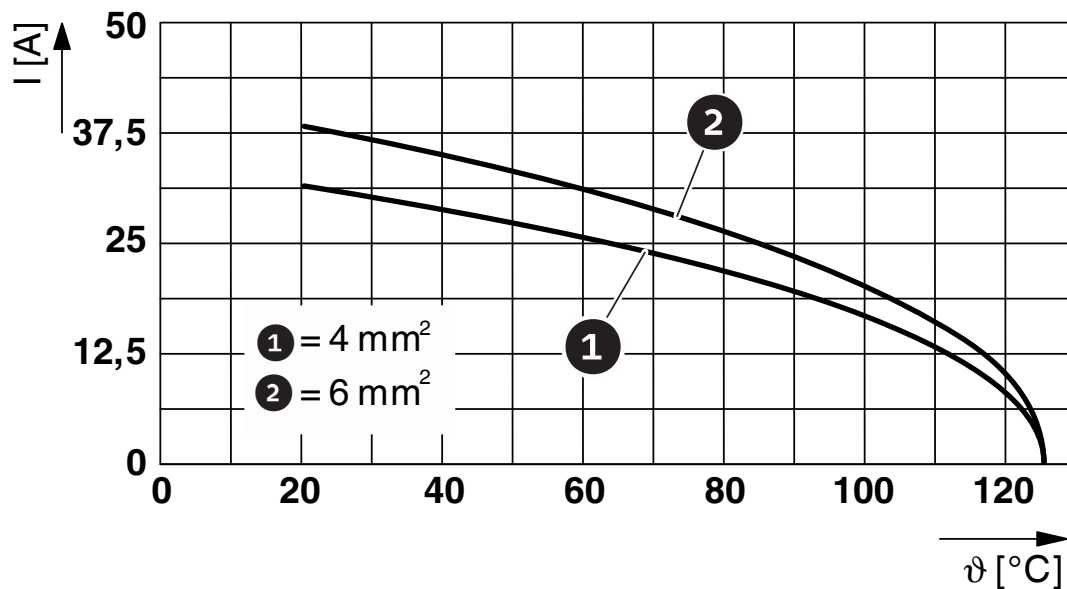
Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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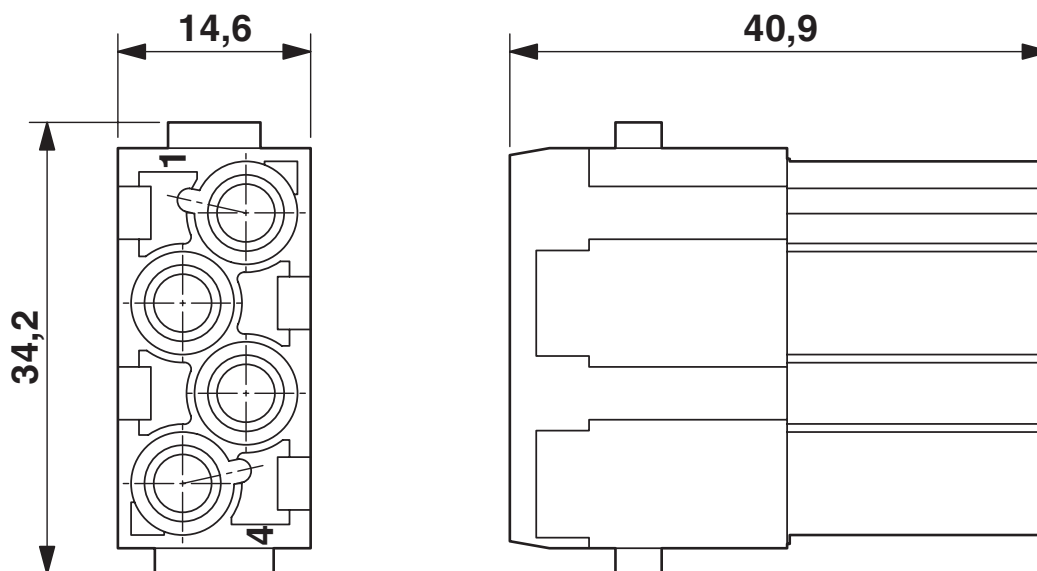
Drawings

Diagram



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

Dimensional drawing



Socket module

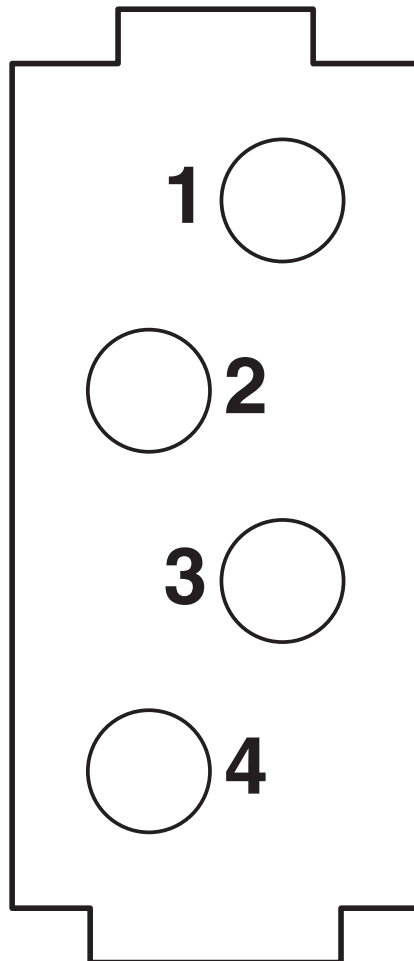
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Schematic diagram



Connector pin assignment, connection side

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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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