

HC-M-03-MOD-ST - Contact insert module



1663213
<https://www.phoenixcontact.com/us/products/1663213>

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HEAVYCON contact insert module, male, 3-pos., crimp connection

Commercial data

Item number	1663213
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BF62
Product key	AF7ACB
GTIN	4017918123024
Weight per piece (including packing)	14 g
Weight per piece (excluding packing)	13.65 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	For HEAVYCON housing design B6 to B48, HC-M-MHR... hinged retaining frame required, CK4,0... crimp contacts (crimp contacts not supplied as standard)
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Product properties

Application	Power
Number of positions	3
Number of module slots	1

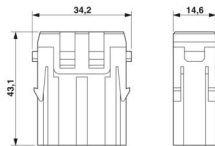
Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated voltage (III/3)	400 V
Rated surge voltage	6 kV
Rated current	40 A

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	39.1 mm
Length	14.6 mm

Material specifications

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

Cable/line

Stripping length of the individual wire	9 mm (9.6 mm (for 4.0 mm ² ... 6.0 mm ²))
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Environmental and real-life conditions

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Ambient conditions

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

Assembly note	Housing height $\geq$ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
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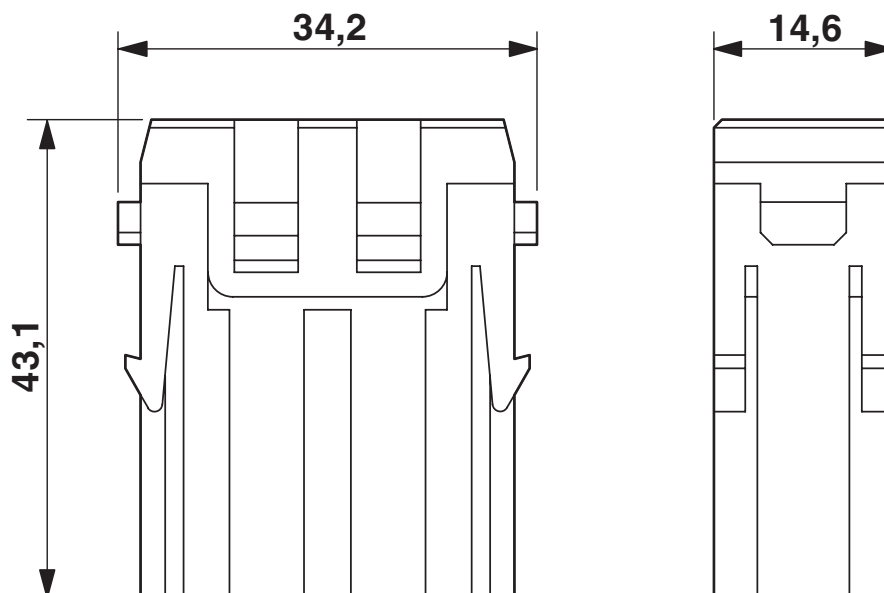
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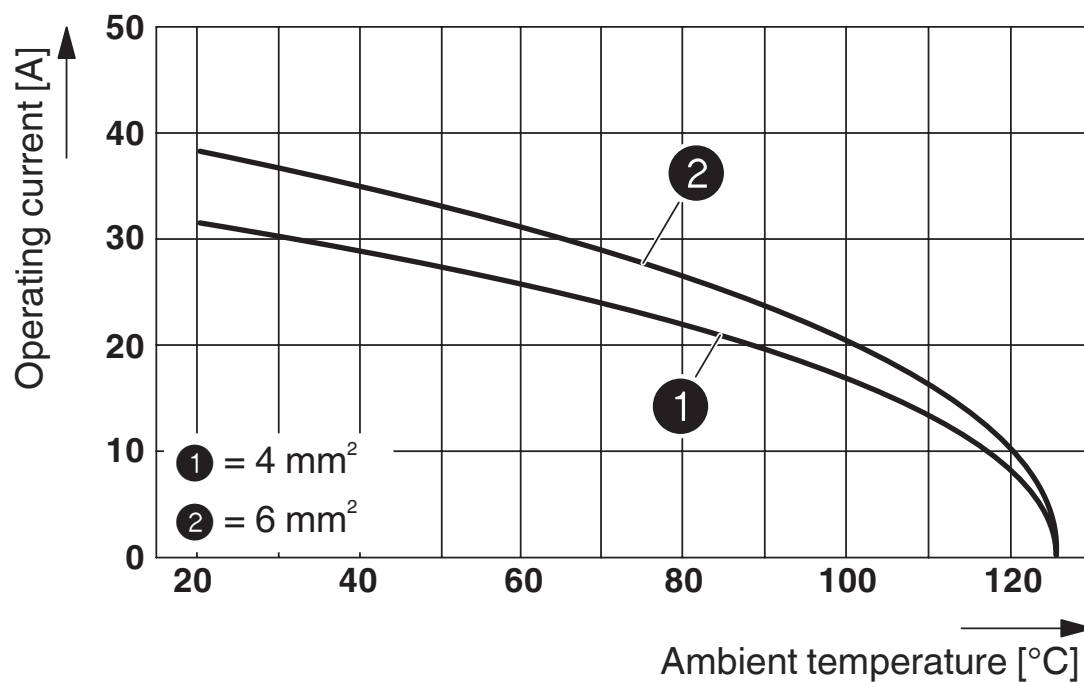
Drawings

Dimensional drawing



Male insert

Diagram



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

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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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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