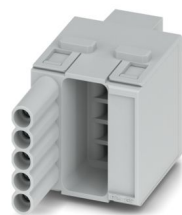


HC-M-05-MWF-F - Contact insert module



1118096
<https://www.phoenixcontact.com/us/products/1118096>

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Contact insert module, number of positions: 5, power contacts: 5, Socket, Push-in connection, 400 V, 16 A, 0.5 mm² ... 2.5 mm², application: Power, with disconnect zone for fuse plugs, component connectors, and isolating plugs

Your advantages

- Easy installation without tools, even when mounted, with push-in connection technology
- Function moves into the connector
- Function directly at the application
- Multifunction slot in the module
- Reliable wiring
- Shock-resistant and vibration-resistant

Commercial data

Item number	1118096
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF62
Product key	AF7ACE
GTIN	4063151046484
Weight per piece (including packing)	52.4 g
Weight per piece (excluding packing)	52.4 g
Customs tariff number	85366990
Country of origin	CN

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Technical data

Notes

General	only use flexible conductors with ferrules
General	Connectors may be operated only when there is no load/voltage.
General	For HEAVYCON housing type B6 to B48, HC-M-B...MF-... module carrier frame required

Product properties

Product type	Modular contact insert
Series	HC-M-05
Application	Power
Number of positions	5
Connection profile	5
No. of power contacts	5
Contact material type	turned
Special properties	Use in HEAVYCON panel-mount base type B6 ... B48

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

Connection technology

Connection technology	Push-in connection
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Conductor connection

Conductor cross section	0.5 mm ² ... 2.5 mm ²
Connection cross section AWG	21 ... 14
Stripping length of the individual wire	10 mm ±1 mm

Dimensions

Dimensional drawing	
Width	33.9 mm
Height	54.7 mm
Length	29.3 mm

Mechanical characteristics

Minimum housing height	72 mm
Contact diameter	2.5 mm

Electrical properties

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Rated voltage (III/3)	400 V
Rated surge voltage	4 kV
Rated current	16 A

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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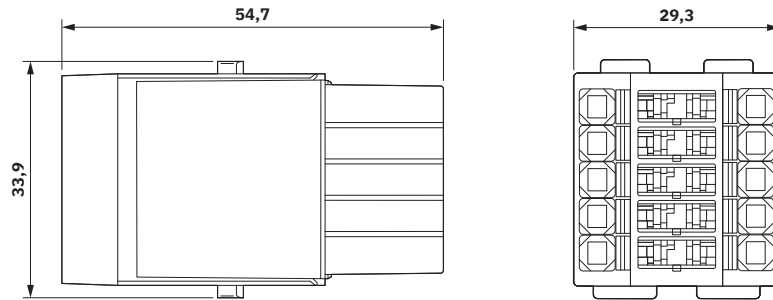
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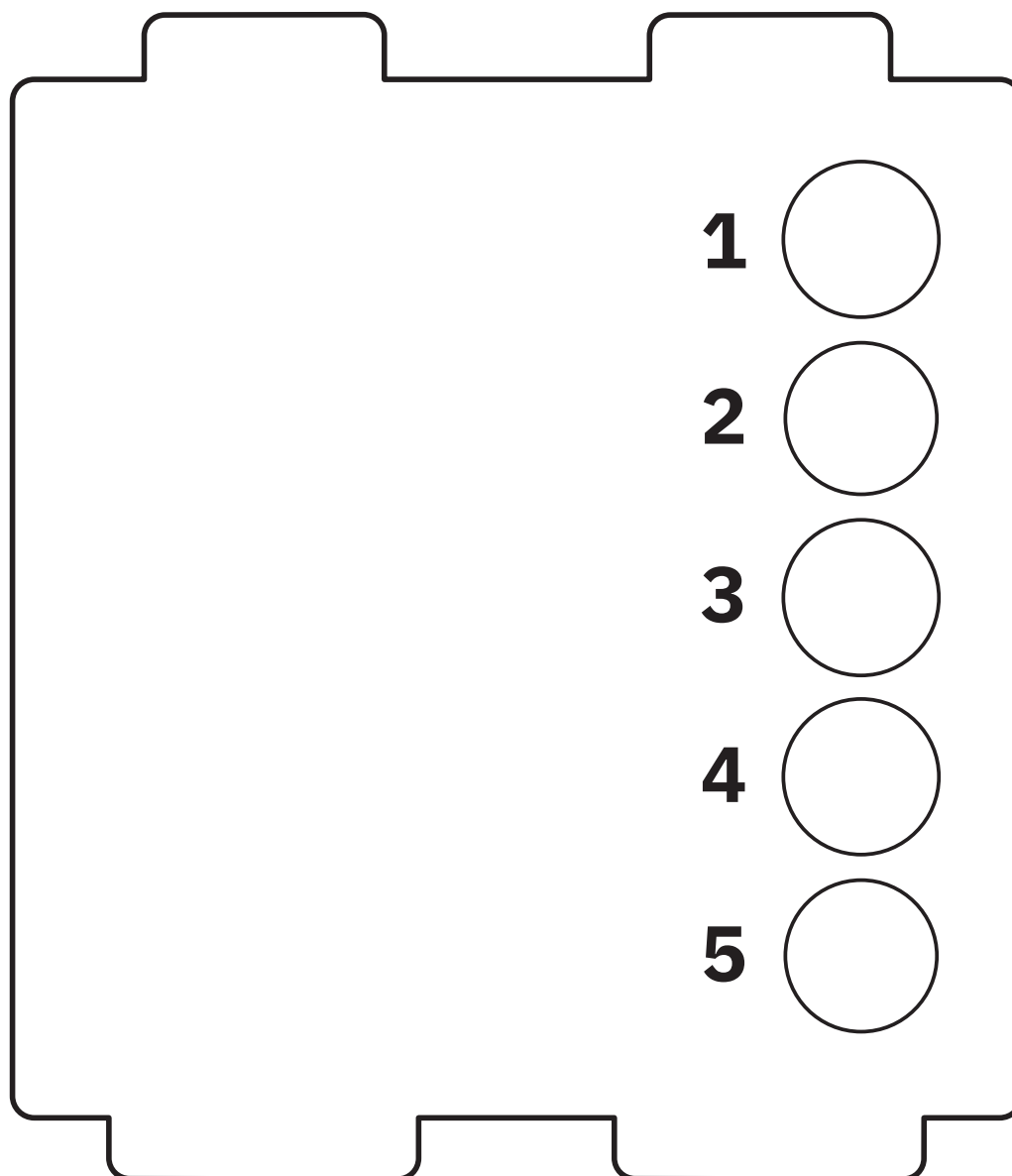
Drawings

Dimensional drawing

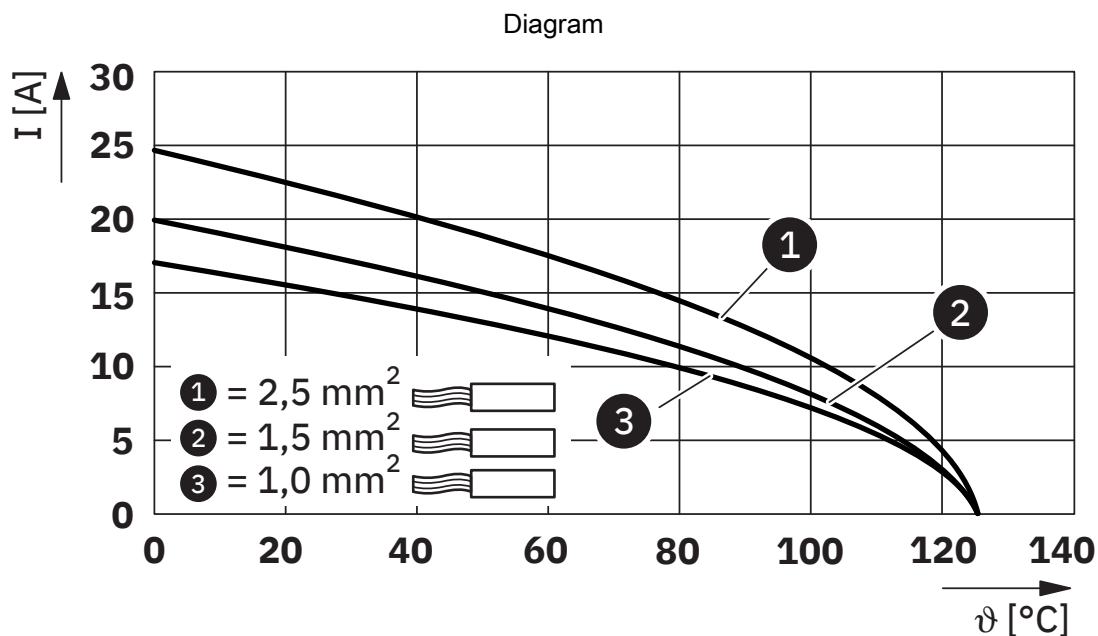


Dimensional drawing

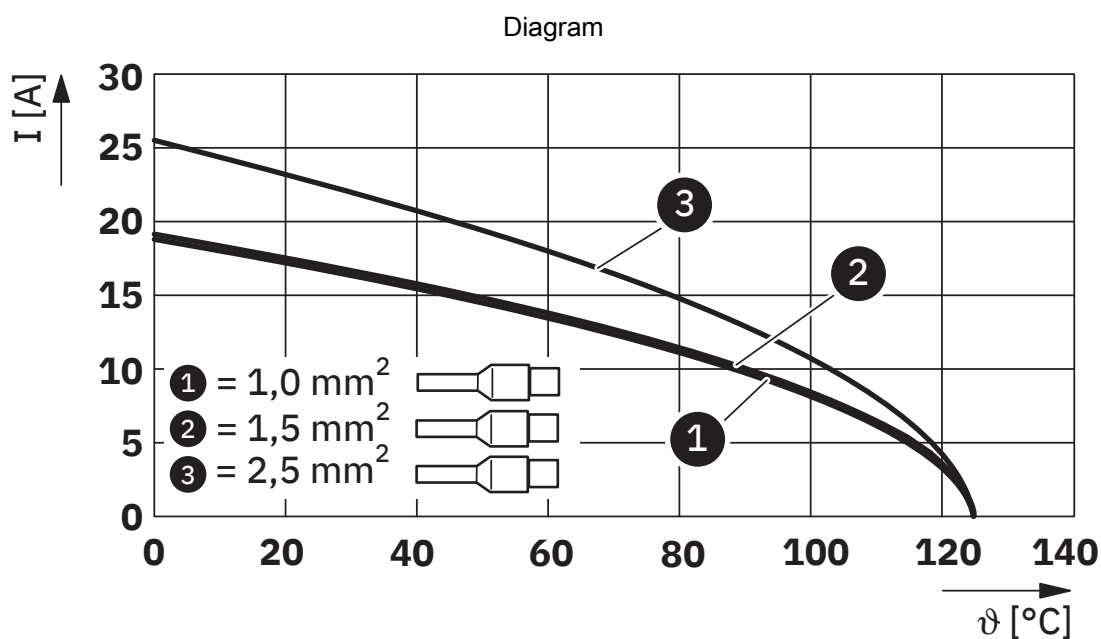
Schematic diagram



Connector pin assignment, connection side



Derating diagram for flexible conductors



Derating diagram for flexible conductors with ferrule

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Classifications

ECLASS

ECLASS-15.0	27440217
ECLASS-13.0	27440217

ETIM

ETIM 9.0	EC000438
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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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