

HC-M-17-MOD-BU - Contact insert module



1636486

<https://www.phoenixcontact.com/ca/products/1636486>

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HEAVYCON contact insert module, female, 17-pos., crimp connection



Commercial data

Item number	1636486
Packing unit	2 pc
Minimum order quantity	2 pc
Sales key	BF27
Product key	BF7ACB
Catalog page	Page 559 (C-4-2015)
GTIN	4046356028226
Weight per piece (including packing)	11.15 g
Weight per piece (excluding packing)	10.67 g
Customs tariff number	85389080
Country of origin	DE

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Technical data

Notes

General	For HEAVYCON housing type B6 to B48, HC-M-MHR... hinged retaining frame required, CK1,6-ED... crimp contacts (crimp contacts not supplied as standard)
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Mounting

Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.
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Product properties

Product type	Modular contact insert
Series	HC-M-17
Application	Signal
Number of positions	17
Connection profile	17
Contact numbering	1 - 17
Number of module slots	1
Contact material type	turned

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Connection data

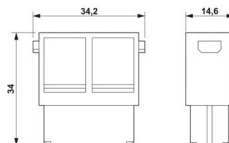
Connection technology

Connection technology	Crimp connection
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Conductor connection

Conductor cross section	0.14 mm ² ... 2.5 mm ²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	8 mm (6 mm with 2.5 mm ²)

Dimensions

Dimensional drawing	
Width	34.2 mm
Height	34 mm
Length	14.6 mm

Mechanical characteristics

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Minimum housing height	52 mm
Contact diameter	1.6 mm

Electrical properties

Rated voltage (III/3)	160 V
Rated surge voltage	2.5 kV
Rated current	10 A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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Material specifications

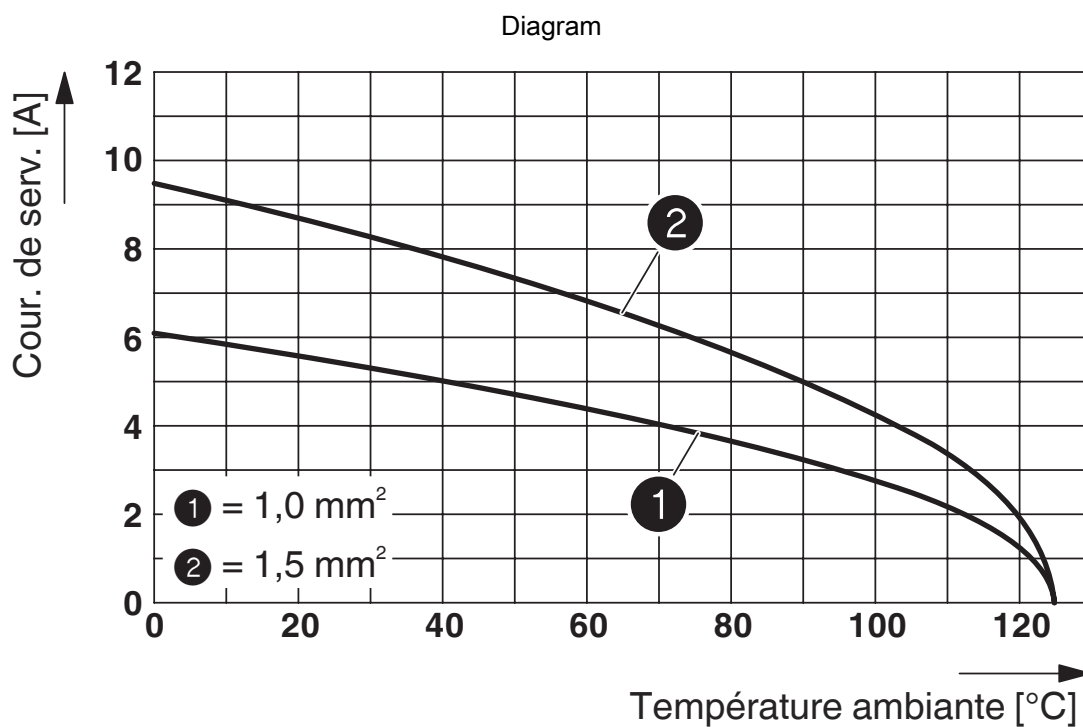
Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Environmental and real-life conditions

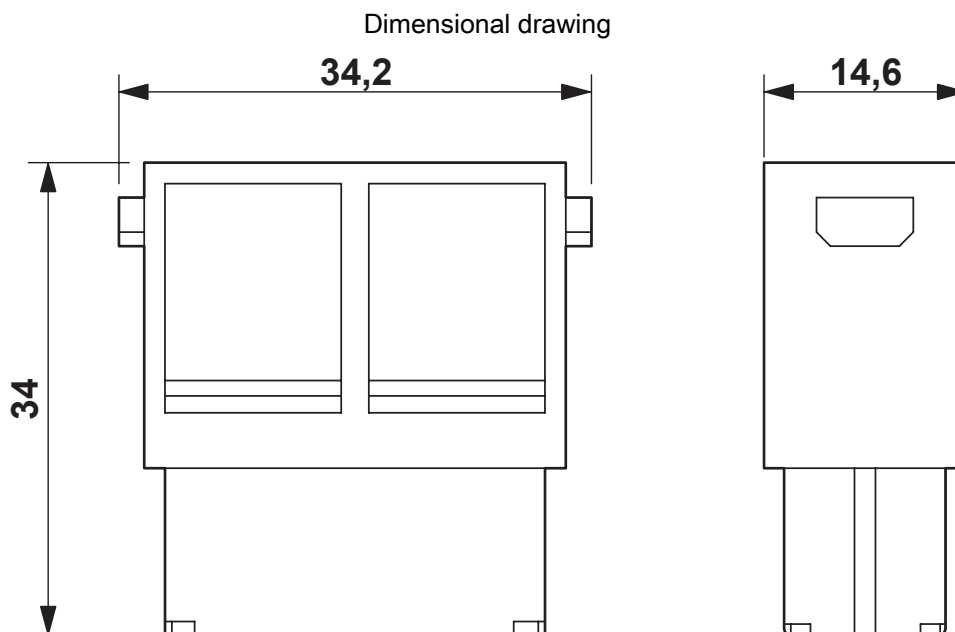
Ambient conditions

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



Derating diagram (3 modules in HC-B 24 housing)



Female insert

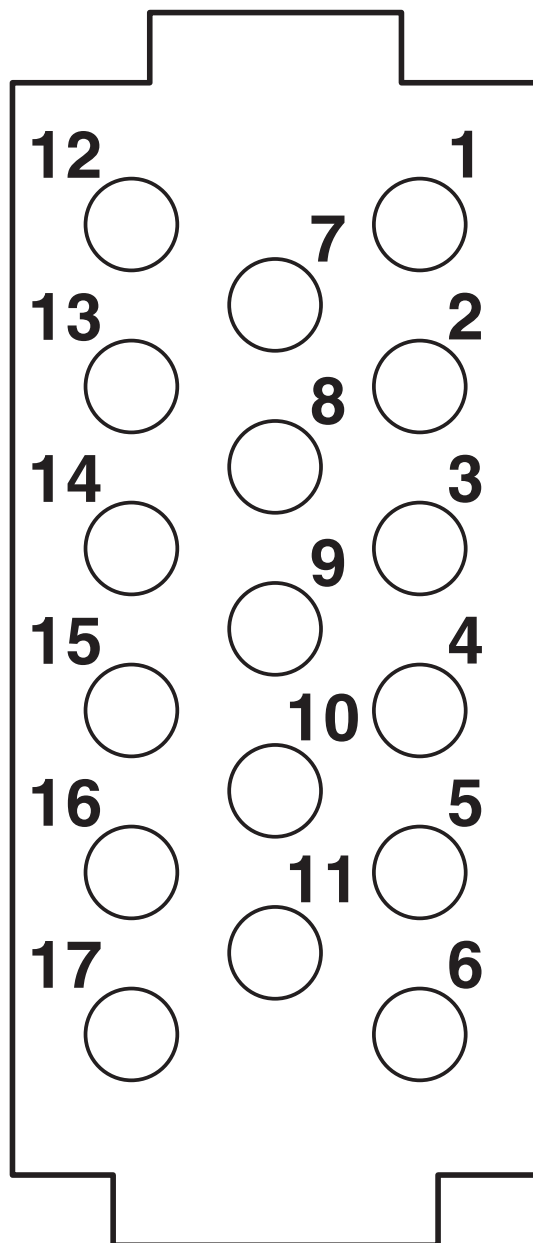
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Schematic diagram



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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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