

Contact insert module - HC-M-08-GBIT-CT-M - 1417302


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Contact insert module, number of positions: 8, Pin, Crimp connection, 50 V, 5 A, 0.08 mm² ... 0.5 mm², external cable diameter: 5 mm ... 7 mm, application: Data, without crimp contacts



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 112459
GTIN	4055626112459

Technical data

Dimensions

Height	41.4 mm
Width	26.35 mm
Length	13.9 mm

Electrical characteristics

Rated voltage (III/3)	50 V
Rated current	5 A
Rated surge voltage	0.8 kV
Connection profile	8
Transmission characteristics (category)	CAT6 _A

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (including heating up of contacts)
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Mechanical characteristics

Conductor cross section	0.08 mm ² ... 0.5 mm ²
Connection cross section AWG	28 ... 20
Stripping length of the individual wire	4.2 mm
External cable diameter	5 mm ... 7 mm

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Technical data

Mechanical characteristics

Contact diameter	1 mm
Insertion/withdrawal cycles	≥ 500

General

Note	Connectors may be operated only when there is no load/voltage.
Series	HC-M-08-GBIT
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
	To guarantee CAT5, the VS-94-F/... cable (Order No. 1416457) must be used. Strain relief clamp (Order No. 1587742).
	In order to guarantee CAT6A, the VS-94-F/... cable (order number 1416457) should be used. Strain relief clamp, Order No. 1587742

Material data

Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC
Phase conductor material	Zinc alloy
Phase conductor material surface	Nickel

Standards and Regulations

Flammability rating according to UL 94	V0
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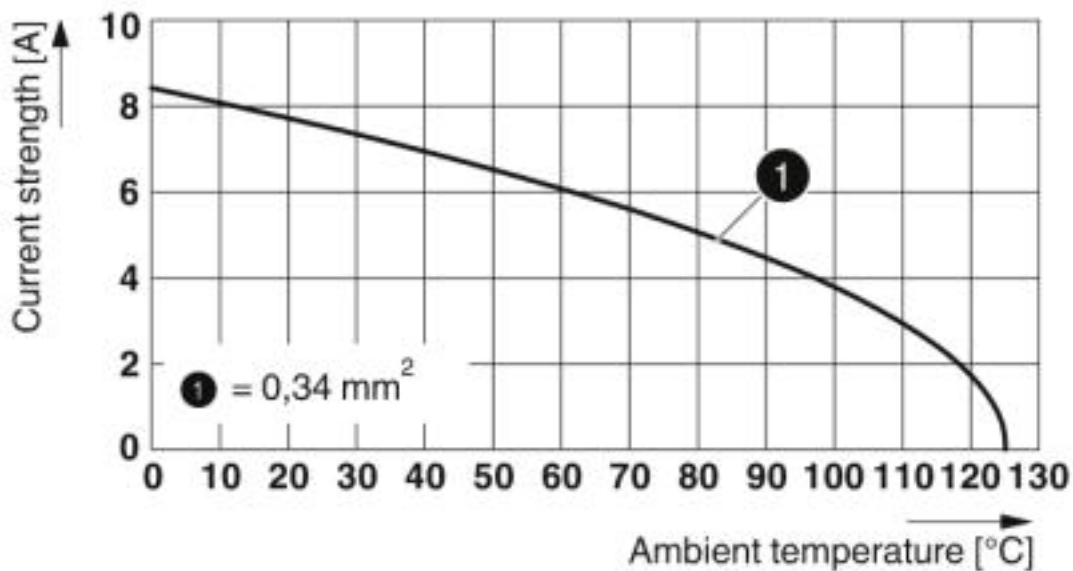
Environmental Product Compliance

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

Drawings

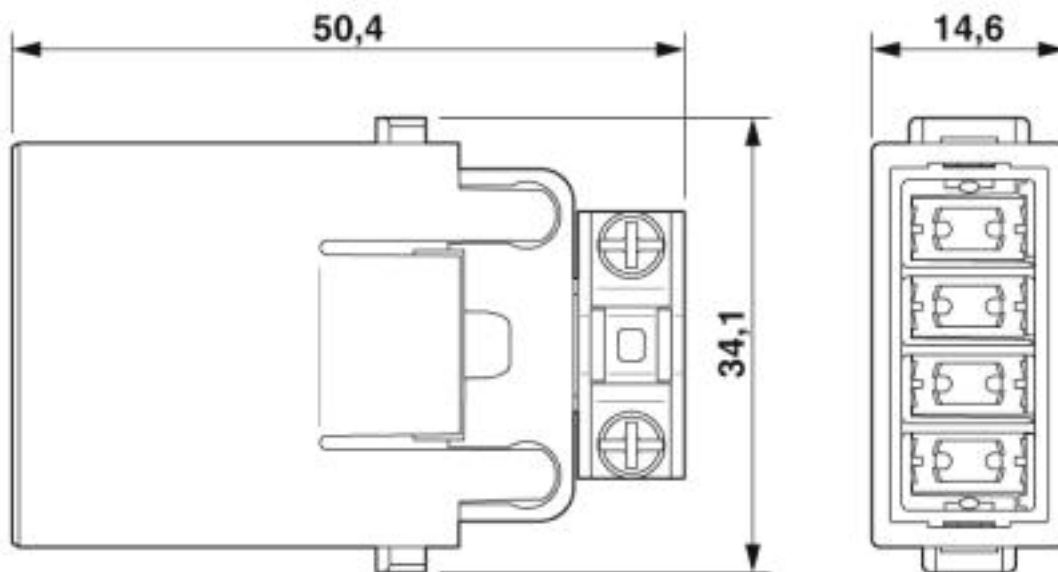
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Diagram



Derating diagram

Dimensional drawing



Male insert

Approvals

Approvals

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Approvals


Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		50 V	
Nominal current IN		5 A	
mm ² /AWG/kcmil		22	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
Nominal voltage UN		50 V	
Nominal current IN		5 A	
mm ² /AWG/kcmil		22	

EAC		RU C- DE.AI30.B.01102
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