

Contact insert - HC-COM- 8-EBUC - 1408494

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HEAVYCON crimp contact insert for compact plastic housing; socket version; 8-pos. + PE

Product Description

Contact insert, incl. 4 mounting screws



Key Commercial Data

Packing unit	2 STK
GTIN	 4 046356 618205
GTIN	4046356618205

Technical data

General

Note	For crimp contacts CK2,5-ED...
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	8+PE
No. of power contacts	8
No. of control contacts	0
Insertion/withdrawal cycles	≥ 500
Size	COM
Contact numbering	1 - 8
Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
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Material data

Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Electrical characteristics

Rated voltage for power contacts	500
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

Standards and Regulations

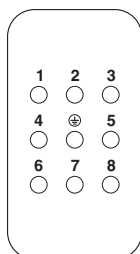
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

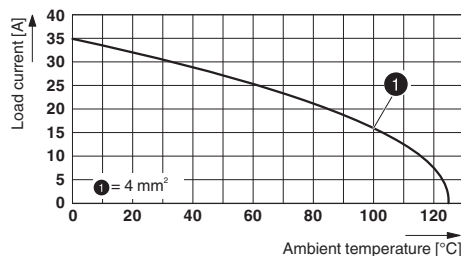
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram



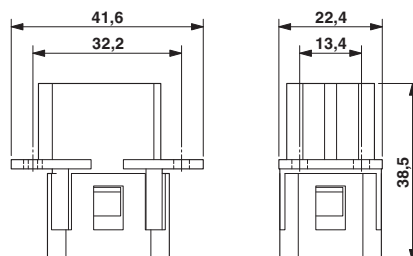
Diagram



Connector pin assignment, connection side

Derating diagram for 4 mm²

Dimensional drawing



HC-COM-8-EBUC dimensional drawing

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Approvals


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UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized


Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
mm ² /AWG/kcmil		20-12	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal voltage UN		600 V	
mm ² /AWG/kcmil		20-12	

CSA		http://www.csagroup.org/services-industries/product-listing/	260458
Nominal voltage UN		600 V	
Nominal current IN		19 A	
mm ² /AWG/kcmil		20-12	

EAC		RU C- DE.AI30.B.01102
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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