

Contact insert - HC-COM- 8-ESTC - 1408481

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

Product Description

incl. 4 mounting screws

Key Commercial Data

Packing unit	2 STK
GTIN	 4 046356 618199

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
Insertion/withdrawal cycles	≥ 500
Size	COM
Connection in acc. with standard	IEC / EN
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

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

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Technical data

Material data

Contact carrier material	PC
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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	IEC / EN
	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000437
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

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

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	20-12
Nominal voltage UN	600 V

cUL Recognized	
mm ² /AWG/kcmil	20-12
Nominal voltage UN	600 V

EAC

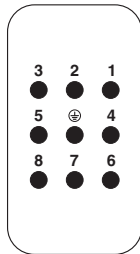
CSA	
mm ² /AWG/kcmil	20-12
Nominal current IN	19 A
Nominal voltage UN	600 V

cULus Recognized	
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Drawings

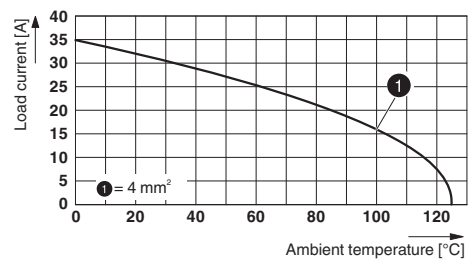
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Schematic diagram



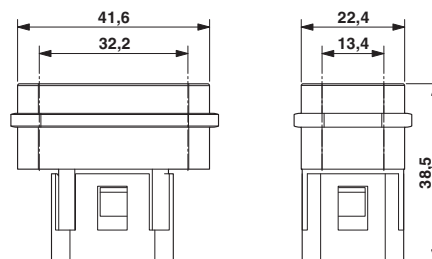
Connector pin assignment, connection side

Diagram



Derating diagram for 4 mm²

Dimensional drawing



HC-COM-8-ESTC dimensional drawing

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