

Contact insert - HC-COM-17-ESTC - 1408465

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HEAVYCON crimp contact insert for compact plastic housing; male connector version; 17-pos. + PE



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	2 pc
Weight per Piece (excluding packing)	15.0 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Note	For crimp contacts CK 1.6-ED...
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	17+PE
No. of power contacts	17
Insertion/withdrawal cycles	≥ 500
Type	COM
Connection in acc. with standard	IEC / EN
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 (at 2.5 mm ²)

Ambient conditions

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Technical data

Ambient conditions

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

Inflammability class according to UL 94	V0
Seal material	NBR
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Electrical characteristics

Rated voltage for power contacts	200
Rated voltage (III/3)	200 V
Rated surge voltage	4 kV
Rated current	10 A

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

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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Approvals


Approvals


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

Ex Approvals


Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	22-14
Nominal current I _N	19.5 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm ² /AWG/kcmil	22-14
Nominal current I _N	10.5 A
Nominal voltage U _N	600 V

EAC

CSA 	
mm ² /AWG/kcmil	20-12
Nominal current I _N	19 A
Nominal voltage U _N	600 V

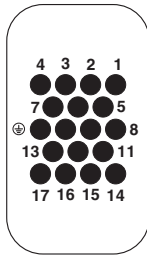
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Approvals



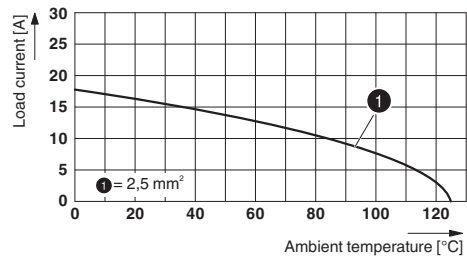
Drawings

Schematic diagram



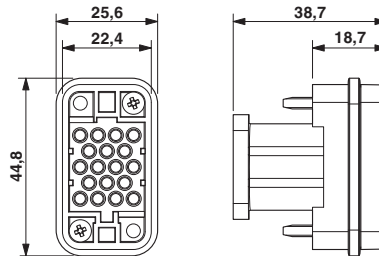
Connector pin assignment, connection side

Diagram



Derating diagram for 2.5 mm²

Dimensional drawing



HC-COM-17-ESTC dimensional drawing