

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

package_quantity	2
GTIN	4046356618175

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
Design	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
Stripping length of the individual wire	6 mm (For 2.5 mm ²)

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
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

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Technical data

Electrical characteristics

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	27440209

ETIM

ETIM 4.0	EC000437
ETIM 5.0	EC000437

UNSPSC

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

approvals

UL Recognized / cUL Recognized / cULus Recognized /

Approval details

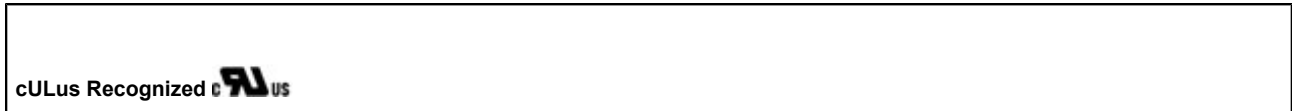
UL Recognized	
Nominal voltage UN	600 V
Nominal current IN	19.5 A
mm ² /AWG/kcmil	22-14

cUL Recognized	
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approvals

Nominal voltage UN	
Nominal current IN	
mm ² /AWG/kcmil	



accessories

Crimping tool

CRIMPFOX-1,6/2,5-ED-4,0 - 1687419



Assembly tool

VC-EW 1,6 - 1884869



Crimp contact

CK1,6-ED-0,37ST AG - 1663336



CK1,6-ED-0,50ST AG - 1663349



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accessories

CK1,6-ED-0,75ST AG - 1663352



CK1,6-ED-1,00ST AG - 1663365



CK1,6-ED-1,50ST AG - 1663378



CK1,6-ED-2,50ST AG - 1663381



CK1,6-ED-0,37ST AU - 1674901



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accessories

CK1,6-ED-0,50ST AU - 1672453



CK1,6-ED-0,75ST AU - 1674914



CK1,6-ED-1,00ST AU - 1674888



CK1,6-ED-1,50ST AU - 1674875



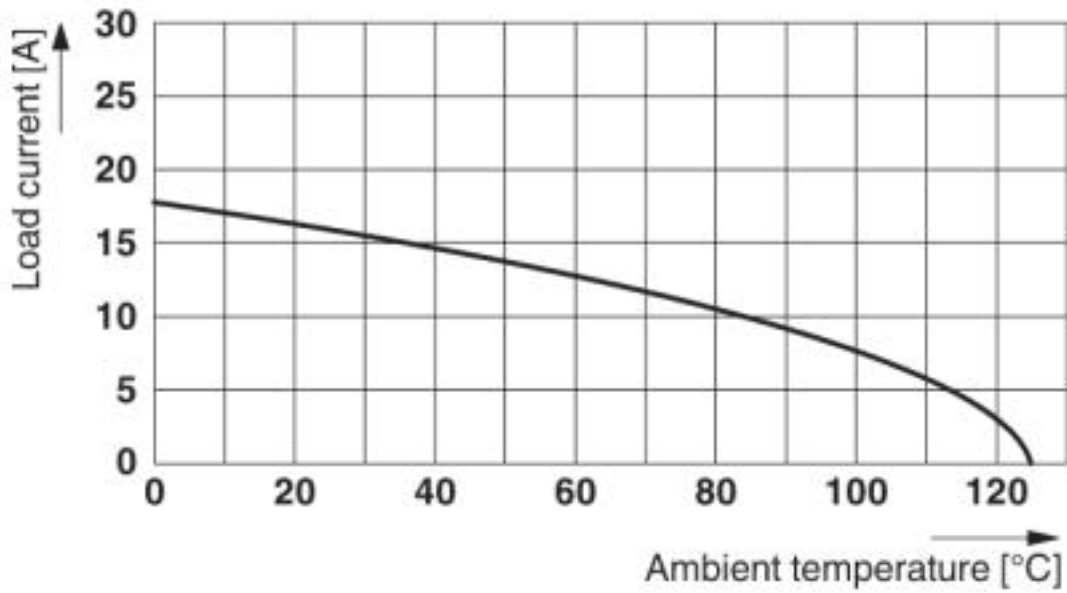
CK1,6-ED-2,50ST AU - 1674927



Drawings

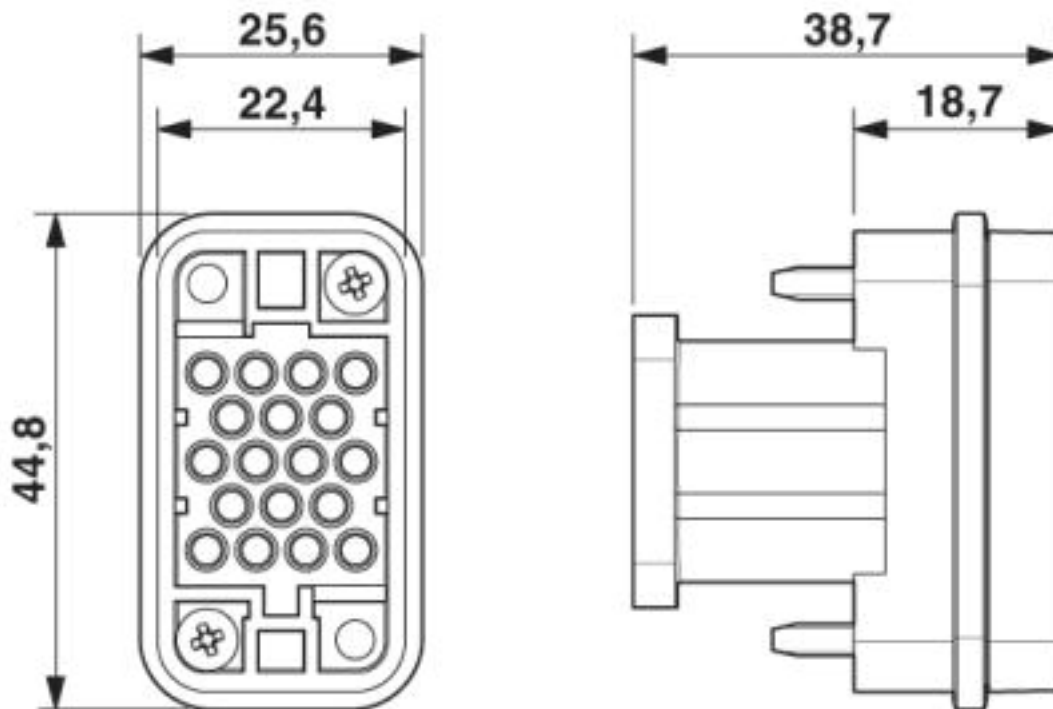
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Diagram



Derating diagram for 2.5 mm²

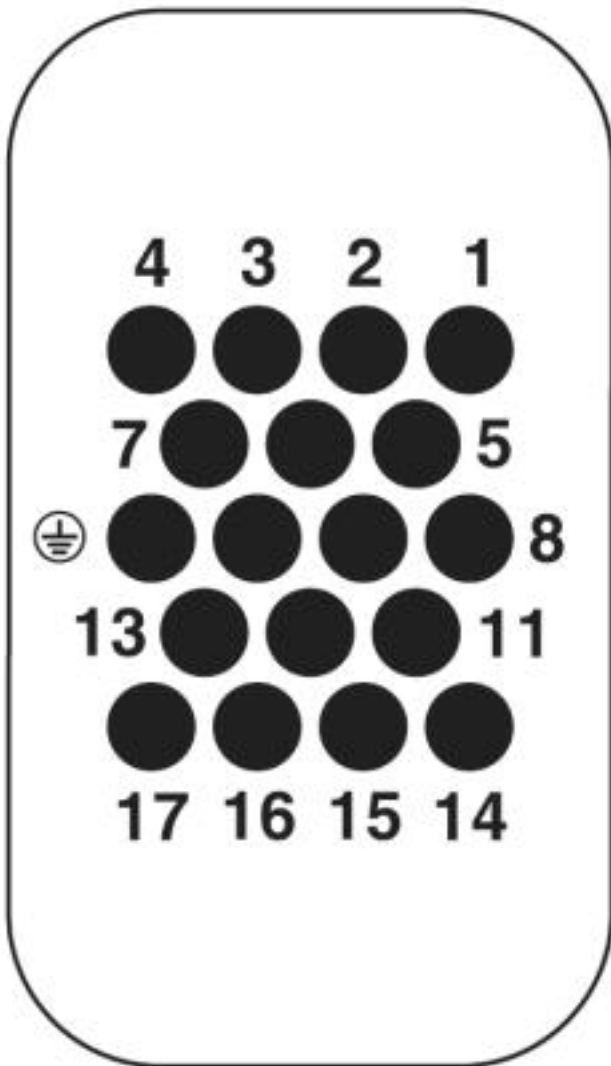
Dimensioned drawing



HC-COM-17-ESTC dimensional drawing

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Schematic diagram



Connector pin assignment, connection side

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