

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

Key commercial data

package_quantity	2
GTIN	4046356618205

Technical data

General

Note	For crimp contacts CK2,5-ED...
Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	8+PE
No. of power contacts	8
Insertion/withdrawal cycles	≥ 500
Design	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)
---------------------------------	--

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	500
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV

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

Technical data

Electrical characteristics

Rated current	16 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 A
mm²/AWG/kcmil	20-12

cUL Recognized 	
Nominal voltage UN	600 V

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

approvals

Nominal current I _N	19 A
mm ² /AWG/kcmil	20-12

cULus Recognized  US

accessories

Coding element

CK2,5-ED-BB - 1584693



Assembly tool

CK2,5-EWZ - 1662722



Crimping tool

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



Crimp contact

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

accessories

CK2,5-ED-0,50BU AG - 1663640



CK2,5-ED-0,75BU AG - 1663653



CK2,5-ED-1,00BU AG - 1663666



CK2,5-ED-1,50BU AG - 1663679



CK2,5-ED-2,50BU AG - 1663682



CK2,5-ED-3,00BU AG - 1663695



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

accessories

CK2,5-ED-4,00BU AG - 1663705



CK2,5-ED-0,50BU AU - 1674859



CK2,5-ED-1,00BU AU - 1674833



CK2,5-ED-1,50BU AU - 1674820



CK2,5-ED-2,50BU AU - 1674862



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

accessories

CK2,5-ED-4,00BU AU - 1674846



accessories

CK2,5-ED-0,37BU AG - 1585634



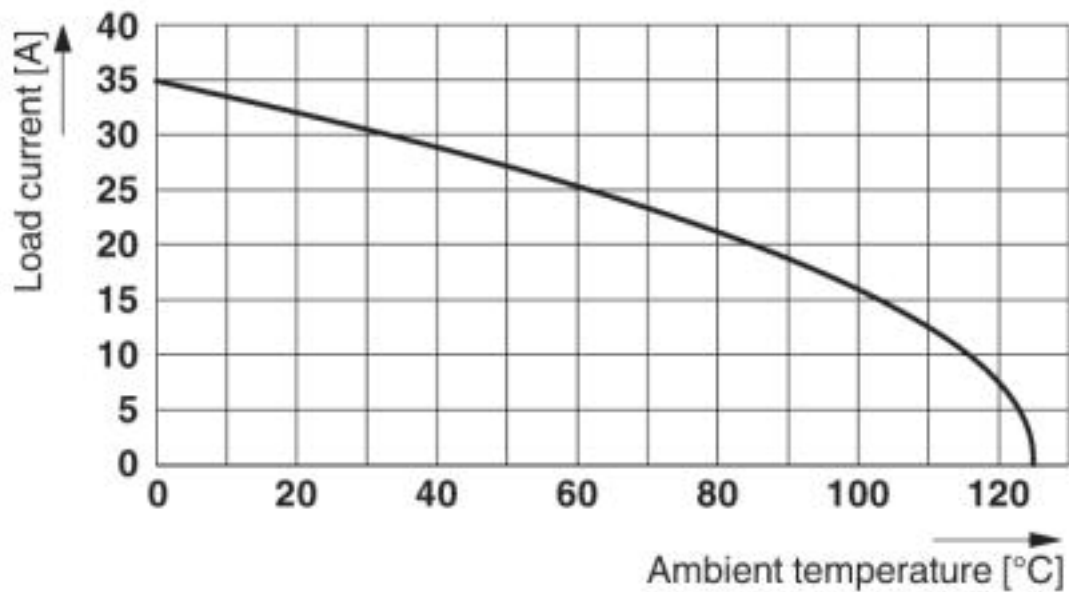
CK2,5-ED-0,37BU AU - 1585647



Drawings

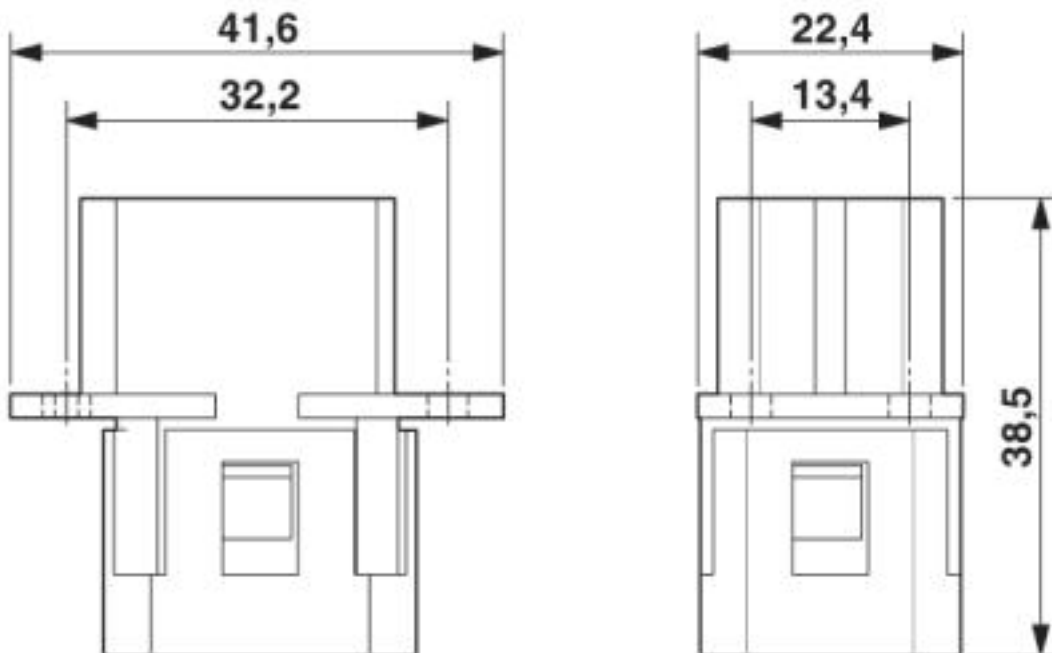
Contact insert - HC-COM- 8-EBUC - 1408494

Diagram



Derating diagram for 4 mm²

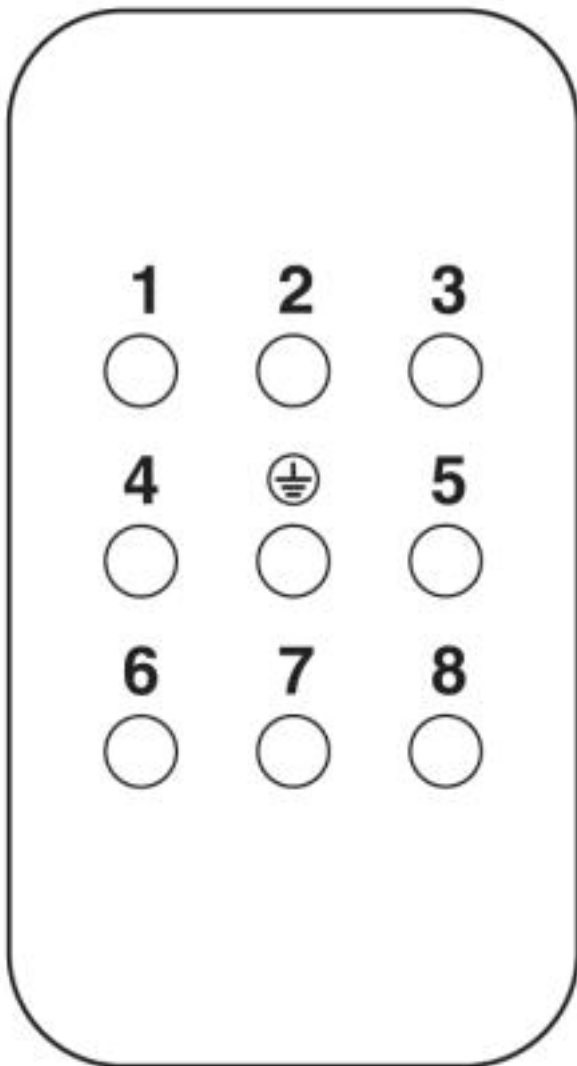
Dimensioned drawing



HC-COM-8-EBUC dimensional drawing

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

Schematic diagram



Connector pin assignment, connection side

© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>