



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Contact insert - VC-AML 4 - 1607509

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>)

Contact insert module, for panel mounting frames, with 90° PCB connection, 3-pos. + PE, 690 V / 63 A



The illustration shows the product version VC-AML 4

Product Features

- ☒ Compact design
- ☒ Proven COMBICON technology
- ☒ Can be keyed to prevent incorrect connection
- ☒ Direct PCB connection



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 PCE |
| GTIN |  4 017918 943585 |
| Weight per Piece (excluding packing) | 26.24 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

General

| | |
|-----------------------------|---|
| Note | Connectors may only be connected/disconnected when under no load. |
| Connection method | Solder connection |
| | Solder connection |
| Pollution degree | 3 |
| Surge voltage category | III |
| Number of positions | 3+PE |
| Insertion/withdrawal cycles | ≥ 50 |

Contact insert - VC-AML 4 - 1607509

Technical data

General

| | |
|----------------------------------|------------|
| Pin dimensions | 1 x 1,2 mm |
| Design | VC2 |
| Connection in acc. with standard | IEC / EN |

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 100 °C |
|---------------------------------|-------------------|

Material data

| | |
|---|--------------------|
| Inflammability class according to UL 94 | V0 |
| Contact material | CuZn |
| Contact surface material | hard-silver plated |
| Contact carrier material | PA |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 690 V |
| Nominal voltage U_N | 690 V |
| Rated surge voltage | 6 kV |
| | 6 kV |
| Rated current | 63 A |
| | 70 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 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |

Contact insert - VC-AML 4 - 1607509

Classifications

UNSPSC

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

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| Nominal current I _N | 55 A |
| Nominal voltage U _N | 600 V |


| | |
|--|-------|
| cUL Recognized  | |
| Nominal current I _N | 45 A |
| Nominal voltage U _N | 600 V |

Contact insert - VC-AML 4 - 1607509

Approvals

GOST 

GOST 

cULus Recognized 

Accessories

Accessories

Coding element

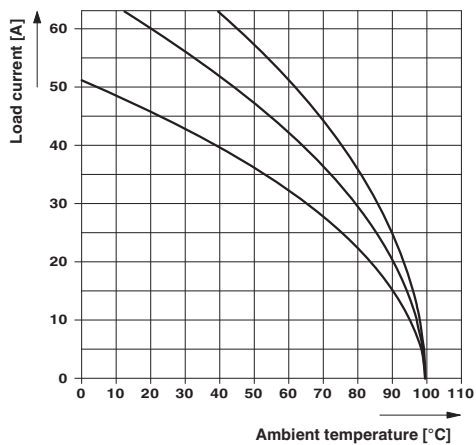
Coding profile - CP-HCC 4 - 1600027



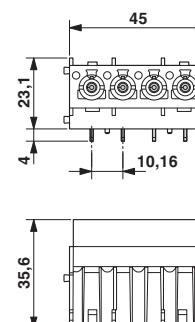
Coding profile, Number of positions: 1, Color: red

Drawings

Diagram



Dimensioned drawing



Contact insert - VC-AML 4 - 1607509

Dimensioned drawing

