



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!



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Contact insert - VC-AMS 7 - 1607751

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Contact insert module, for panel mounting frames, with screw connection, 6-pos. + PE, 690 V / 70 A



The illustration shows the product version VC-AMS 7

Product Features

- Compact design
- Proven COMBICON technology
- Universal connection
- Can be keyed to prevent incorrect connection



Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 969219
Weight per Piece (excluding packing)	78.29 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	Screw connection
	Screw connection
Tightening torque	1.2 Nm ... 1.8 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	6+PE

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Technical data

General

Insertion/withdrawal cycles	≥ 50
Design	VC4
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 16 mm ²
Connection cross section AWG	20 ... 5
Stripping length of the individual wire	12 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
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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
Rated surge voltage	6 kV
	6 kV
Rated current	70 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

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Classifications

ETIM

ETIM 4.0	EC000438
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

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

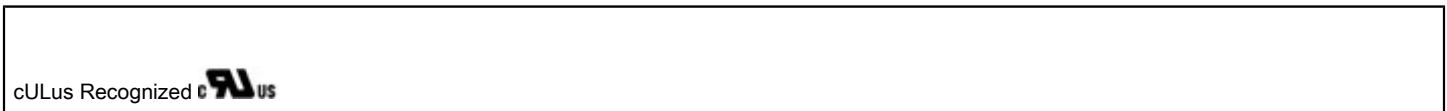
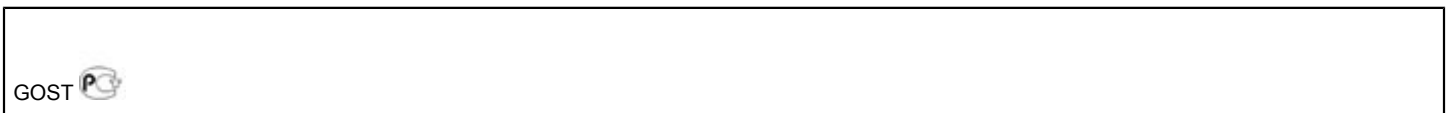
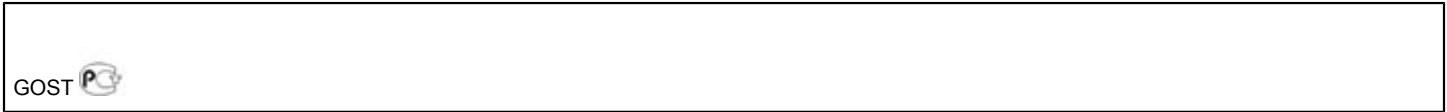
UL Recognized	
mm ² /AWG/kcmil	20-6
Nominal current I _N	55 A
Nominal voltage U _N	600 V

cUL Recognized	
mm ² /AWG/kcmil	20-6

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Approvals

Nominal current I _N	45 A
Nominal voltage U _N	600 V



Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027

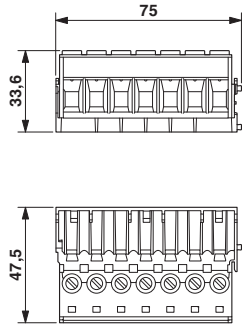


Coding profile, Number of positions: 1, Color: red

Drawings

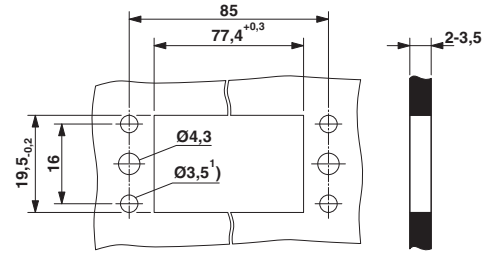
Contact insert - VC-AMS 7 - 1607751

Dimensioned drawing



Contact insert

Dimensioned drawing



Panel cutout