



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 carriers - VC-AMC 5 - 1583878

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://phoenixcontact.com/download>)

Contact carrier for male crimp contacts, 4-pos. + PE, 690 V/70 A, for snapping into mounting panel



### Why buy this product

- Simply snap into the VC-AR... panel cutout and you're done!
- No need for panel mounting flange
- Crimp contacts are released using a flat-bladed screwdriver
- No need for panel mounting frame

### Key Commercial Data

Packing unit	5 STK
GTIN	
GTIN	4046356569637

### Technical data

#### General

Note	Connectors may only be connected/disconnected when under no load.
Connection technology	Crimp connection
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	4+PE
Insertion/withdrawal cycles	≥ 50
Size	VC3
Conductor cross section AWG min.	12
Conductor cross section AWG max.	6
Conductor cross section	4 mm <sup>2</sup> ... 16 mm <sup>2</sup>

#### Ambient conditions

# Contact carriers - VC-AMC 5 - 1583878

## Technical data

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
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### Material data

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
Rated current	70 A
	70 A

### Standards and Regulations

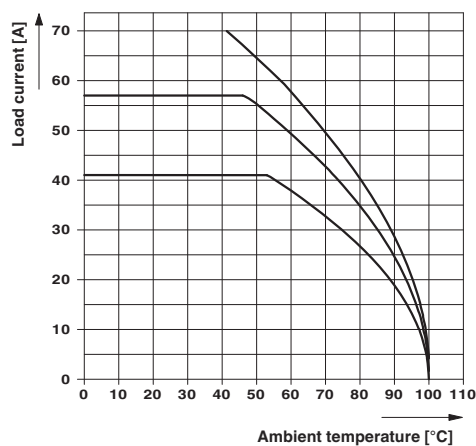
Connection in acc. with standard	IEC / EN
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

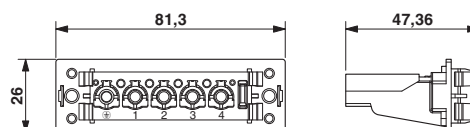
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Diagram



Dimensional drawing



## Approvals

Approvals

# Contact carriers - VC-AMC 5 - 1583878

## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
mm <sup>2</sup> /AWG/kcmil		8	
Nominal current IN		50 A	
Nominal voltage UN		600 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 118976
mm <sup>2</sup> /AWG/kcmil		8	
Nominal current IN		50 A	
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EAC		EAC-Zulassung
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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