

Contact insert - VC-AML 7 - 1607537

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, 6-pos. + PE, 690 V / 63 A



The illustration shows the product version VC-AML 7

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 969189
Weight per Piece (excluding packing)	44.7 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	6+PE
Insertion/withdrawal cycles	≥ 50

Contact insert - VC-AML 7 - 1607537

Technical data

General

Design	VC4
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

UNSPSC

UNSPSC 6.01	30211923
-------------	----------

Contact insert - VC-AML 7 - 1607537

Classifications

UNSPSC

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

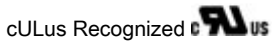
UL Recognized	
Nominal current IN	55 A
Nominal voltage UN	600 V

cUL Recognized	
Nominal current IN	45 A
Nominal voltage UN	600 V

GOST	
------	--

Contact insert - VC-AML 7 - 1607537

Approvals



Accessories

Accessories

Coding element

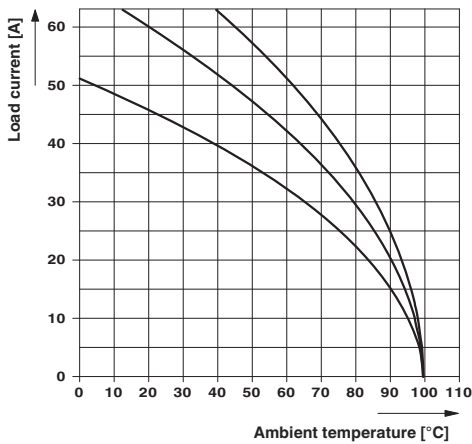
Coding profile - CP-HCC 4 - 1600027



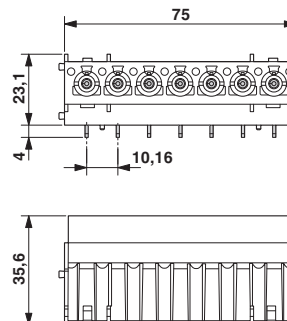
Coding profile, Number of positions: 1, Color: red

Drawings

Diagram



Dimensioned drawing



Contact insert - VC-AML 7 - 1607537

Dimensioned drawing

