

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://phoenixcontact.com/download>)

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 pc
Minimum order quantity	10 pc
GTIN	 4 017918 943585
Weight per Piece (excluding packing)	26.24 g
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
Degree of pollution	3
Overvoltage category	III

Contact insert - VC-AML 4 - 1607509

Technical data

General

Number of positions	3+PE
Insertion/withdrawal cycles	≥ 50
Pin dimensions	1 x 1,2 mm
Size	VC2
Connection in acc. with standard	IEC / EN

Ambient conditions

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

Material data

Flammability rating 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

Standards and Regulations

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

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	27440205
eCl@ss 9.0	27440205

Contact insert - VC-AML 4 - 1607509

Classifications

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
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 / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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

Contact insert - VC-AML 4 - 1607509

Approvals

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

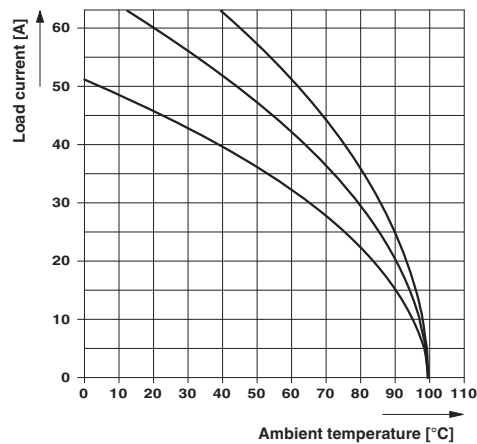
EAC

EAC

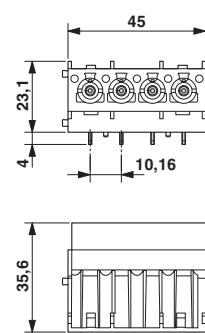
cULus Recognized 
--

Drawings

Diagram



Dimensional drawing



Contact insert - VC-AML 4 - 1607509

Dimensional drawing

