

Contact insert - VC-AML 6 - 1853531

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, 6-pos., 250 V / 10 A

Why buy this product

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

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 132897
GTIN	4017918132897
Weight per Piece (excluding packing)	5.450 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Note	Connectors may only be connected/disconnected when under no load.
Connection technology	Solder connection
Connection method	Solder connection
Degree of pollution	3
Overvoltage category	III
Number of positions	6

Contact insert - VC-AML 6 - 1853531

Technical data

General

Insertion/withdrawal cycles	≥ 100
Pin dimensions	1 x 1 mm

Ambient conditions

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

Material data

Contact material	CuZn
Contact surface material	Tin-plated
Contact carrier material	PA

Electrical characteristics

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
	4 kV
Rated current	10 A

Standards and Regulations

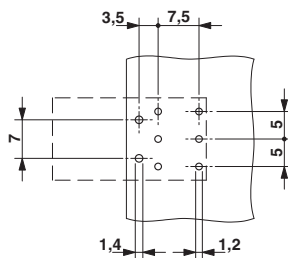
Connection in acc. with standard	IEC / EN
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

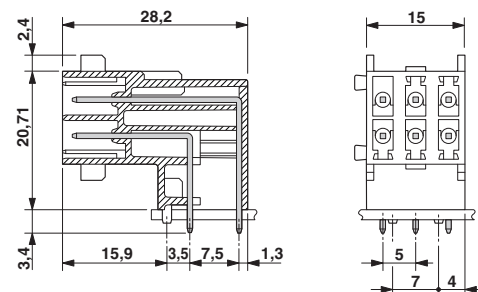
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Contact insert - VC-AML 6 - 1853531

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

ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	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 / cULus Recognized

Ex Approvals

Approval details

Contact insert - VC-AML 6 - 1853531

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal current IN	8 A		
Nominal voltage UN	250 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
Nominal current IN	8 A		
Nominal voltage UN	250 V		

EAC		B.01742
-----	--	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
------------------	--	---

Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

