

Contact insert - VC-AMS 4 - 1607745

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Contact insert module, for panel mounting frames, with screw connection, 3-pos. + PE, 690 V / 70 A

The illustration shows the product version VC-AMS 4

Product Features

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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	 4 017918 969196
Weight per Piece (excluding packing)	48.48 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	Screw connection
	Screw connection
Tightening torque	1.2 Nm ... 1.8 Nm
Pollution degree	3
Overvoltage category	III

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Technical data

General

Number of positions	3+PE
No. of power contacts	4
Insertion/withdrawal cycles	≥ 50
Type	VC2
Conductor cross section AWG min.	20
Conductor cross section AWG 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

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
Rated surge voltage	6 kV
	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

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424

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Classifications

eCl@ss

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

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	
mm ² /AWG/kcmil	20-6

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Approvals

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

cUL Recognized

mm ² /AWG/kcmil	20-6
Nominal current I _N	45 A
Nominal voltage U _N	600 V

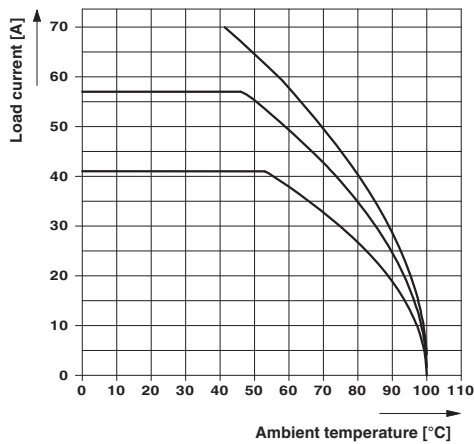
EAC

EAC

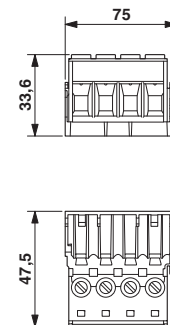
cULus Recognized

Drawings

Diagram



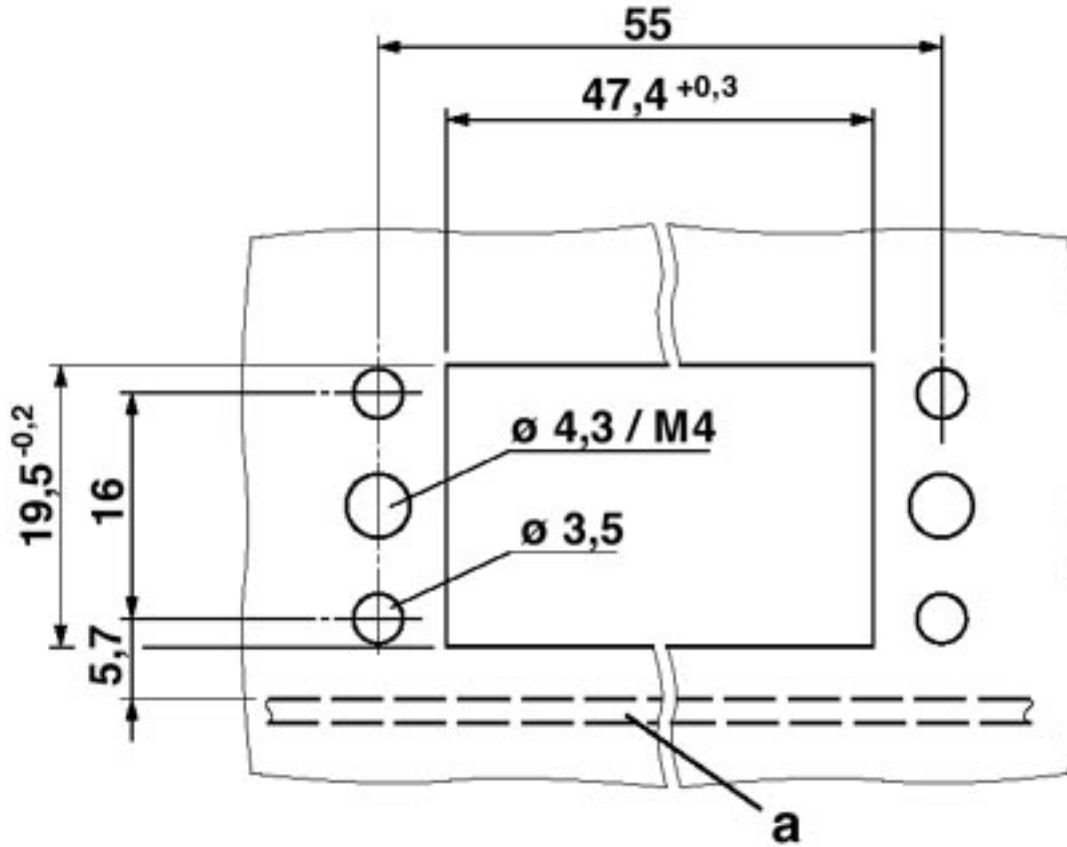
Dimensional drawing



Contact insert

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Dimensional drawing



Panel cutout