

Contact insert - VC-AMS 7 - 1607751

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Contact insert module, for panel mounting frames, with screw connection, 6-pos. + PE, 690 V / 70 A



The illustration shows the product version VC-AMS 7

Product Features

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



Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 969219
Weight per Piece (excluding packing)	78.29 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	Screw connection
	Screw connection
Tightening torque	1.2 Nm ... 1.8 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	6+PE

Contact insert - VC-AMS 7 - 1607751

Technical data

General

Insertion/withdrawal cycles	≥ 50
Design	VC4
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil 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

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
Rated surge voltage	6 kV
	6 kV
Rated current	70 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

Contact insert - VC-AMS 7 - 1607751

Classifications

ETIM

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 / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

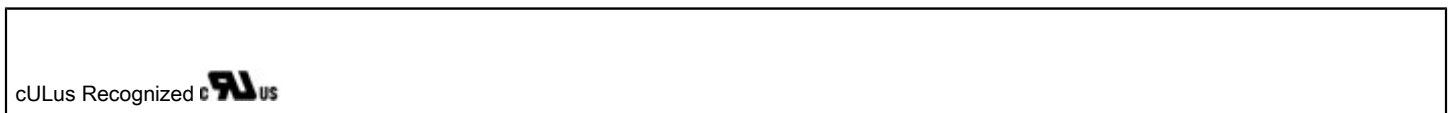
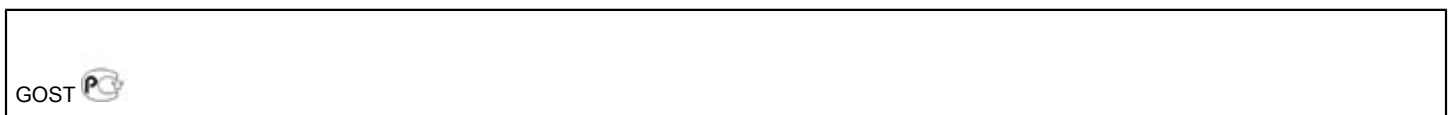
UL Recognized	
mm ² /AWG/kcmil	20-6
Nominal current I _N	55 A
Nominal voltage U _N	600 V

cUL Recognized	
mm ² /AWG/kcmil	20-6

Contact insert - VC-AMS 7 - 1607751

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



Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027

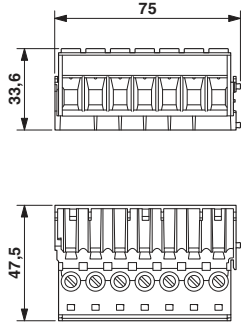


Coding profile, Number of positions: 1, Color: red

Drawings

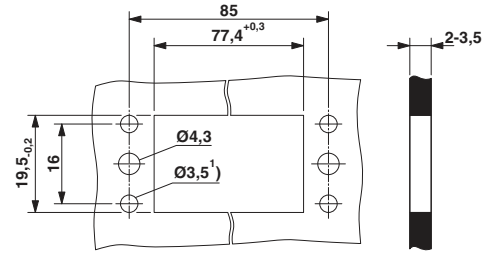
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Dimensioned drawing



Contact insert

Dimensioned drawing



Panel cutout