PHŒNIX CONTACT

Contact insert - VC-AMS 5 - 1607748

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Contact insert module, for panel mounting frames, with screw connection, 4-pos. + PE, 690 V / 70 A

The illustration shows the product version VC-AMS 5

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 969202
Weight per Piece (excluding packing)	58.59 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
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Number of positions	4+PE
Insertion/withdrawal cycles	≥ 50
Size	VC3
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm² ... 16 mm²
Connection cross section AWG	20 ... 5
Stripping length of the individual wire	12 mm

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
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 / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm²/AWG/kcmil	20-6

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Approvals

Nominal current IN	55 A
Nominal voltage UN	600 V

cUL Recognized c **R**U	

mm²/AWG/kcmil	20-6
Nominal current IN	45 A
Nominal voltage UN	600 V

EAC

EAC

EAC

cULus Recognized c **R**U us

Accessories

Accessories

Coding element
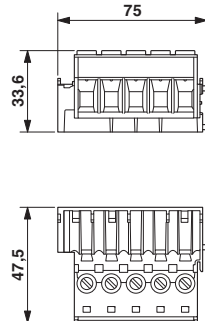
Coding profile - CP-HCC 4 - 1600027

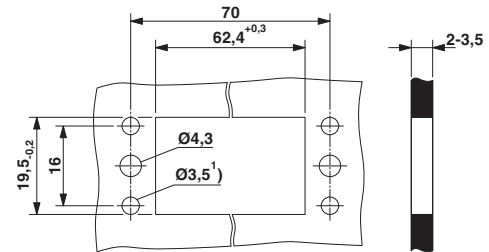Coding profile, Number of positions: 1, Color: red

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Drawings

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Dimensional drawing

Dimensional drawing

Panel cutout

Contact insert

Mouser Electronics

Authorized Distributor

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