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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**

- ☑ 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



## 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 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

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



## Classifications

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 <b>%</b>	
mm²/AWG/kcmil	20-6
Nominal current IN	55 A
Nominal voltage UN	600 V

cUL Recognized •	
mm²/AWG/kcmil	20-6



## Approvals

Nominal current IN	45 A
Nominal voltage UN	600 V

GOST C		
GOST C		

cULus Recognized • Nus

### Accessories

Accessories

Coding element

Coding profile - CP-HCC 4 - 1600027

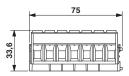


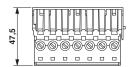
Coding profile, Number of positions: 1, Color: red

## Drawings



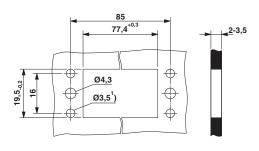
Dimensioned drawing





Contact insert

Dimensioned drawing



Panel cutout

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