

## Contact insert - VC-AMS 8 - 1854022

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Contact insert module, for panel mounting frames, with screw connection, 8-pos., 160 V / 10 A

### Product Features

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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 144111
Weight per Piece (excluding packing)	9.18 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	0.22 Nm ... 0.25 Nm
Degree of pollution	3
Overvoltage category	III
Number of positions	8
Insertion/withdrawal cycles	≥ 100

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## Technical data

### General

Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>
Conductor cross section	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 16
Stripping length of the individual wire	8 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	Tin-plated
Contact carrier material	PA

### Electrical characteristics

Rated voltage (III/3)	160 V
Rated surge voltage	2.5 kV
	2.5 kV
Rated current	10 A

### Standards and Regulations

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

## Classifications

eCl@ss

eCl@ss 4.0	27140816
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## Classifications

### eCl@ss

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

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / LR / EAC / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	250 V

LR

EAC

EAC

EAC

cULus Recognized
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## 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

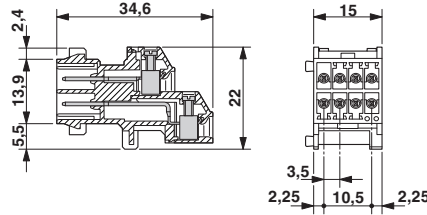


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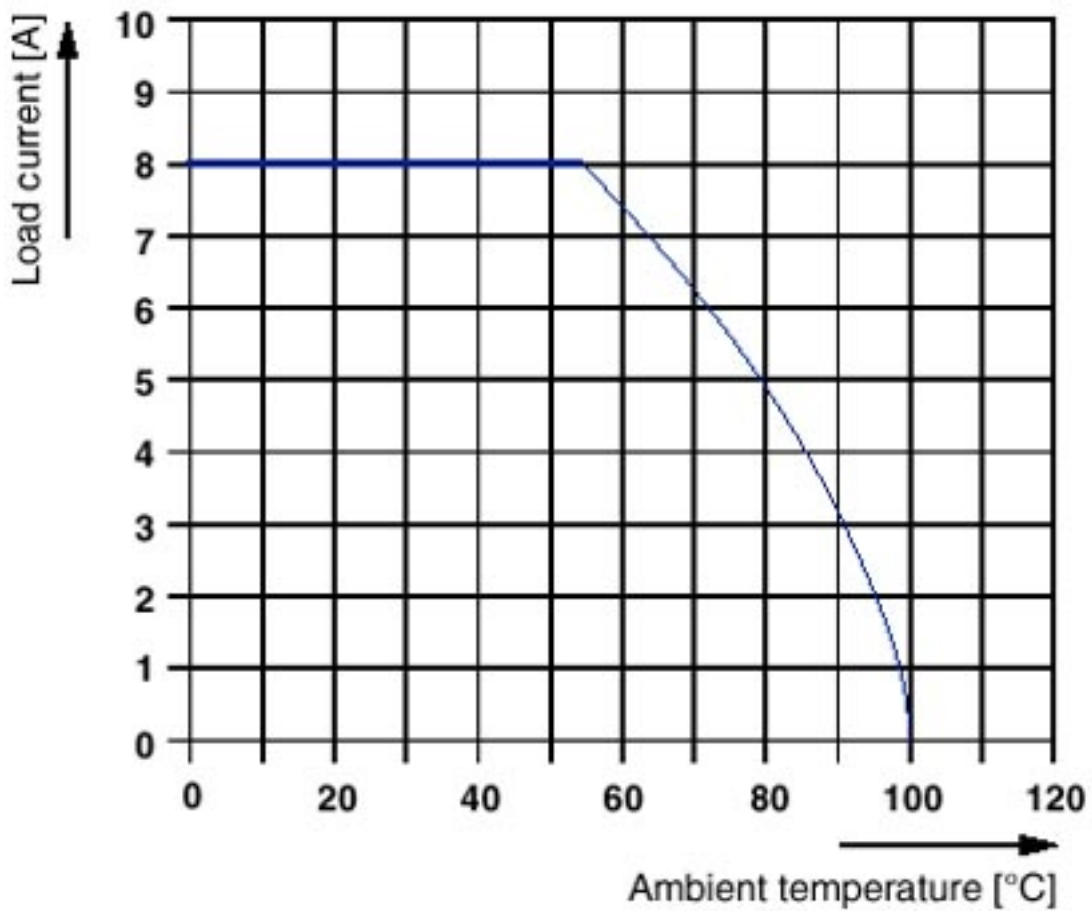
Accessories

Drawings

Dimensional drawing



Diagram





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