

## Contact insert - VC-AMS 8 - 1854022

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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 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	0.22 Nm ... 0.25 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	8
Insertion/withdrawal cycles	≥ 100

# Contact insert - VC-AMS 8 - 1854022

## Technical data

### General

Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil 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
---------------------------------	-------------------

### Material data

Inflammability class 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

## Classifications

### eCl@ss

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

# Contact insert - VC-AMS 8 - 1854022

## Classifications

### eCl@ss

eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

### 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 / GOST / LR / GOST / cULus Recognized

---

#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

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

## Contact insert - VC-AMS 8 - 1854022

### Approvals

Nominal voltage UN	250 V
--------------------	-------

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current IN	8 A
Nominal voltage UN	250 V

GOST	
------	--

LR
----

GOST	
------	--

cULus Recognized	
------------------	--

### Accessories

Accessories

Coding element

Coding profile - CP-MSTB - 1734634

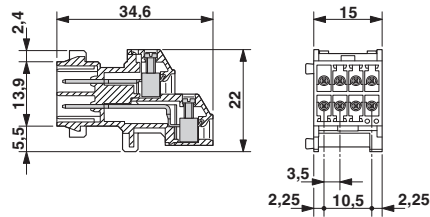
Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



### Drawings

# Contact insert - VC-AMS 8 - 1854022

Dimensioned drawing



Diagram

