

Contact insert - VC-AMS 6 - 1854019

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, 6-pos., 250 V / 10 A




Why buy this product

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



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 144104
Weight per Piece (excluding packing)	8.09 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
Pollution degree	3
Surge voltage category	III
Number of positions	6
Insertion/withdrawal cycles	≥ 100
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 ²

Contact insert - VC-AMS 6 - 1854019

Technical data

General

2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Conductor cross section	0.14 mm ² ... 1.5 mm ²
Connection cross section AWG	28 ... 16
Stripping length of the individual wire	6 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)	250 V
Rated surge voltage	4 kV
	4 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
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 6 - 1854019

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 / LR / GOST / cULus Recognized

Ex Approvals

Approvals submitted

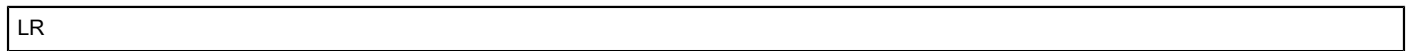
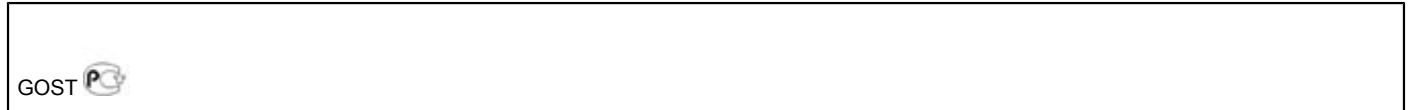
Approval details

UL Recognized 	
mm ² /AWG/kcmil	30-14
Nominal current I _N	8 A
Nominal voltage U _N	250 V

cUL Recognized 	
mm ² /AWG/kcmil	30-14
Nominal current I _N	8 A
Nominal voltage U _N	250 V

Contact insert - VC-AMS 6 - 1854019

Approvals



Accessories

Accessories

Coding element

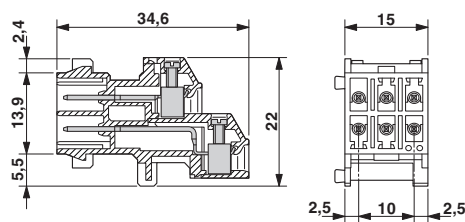
Coding profile - CP-MSTB - 1734634

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



Drawings

Dimensioned drawing



Contact insert - VC-AMS 6 - 1854019

Diagram

