

# Contact insert set - VC-AR3/4M-S8888-SET - 1607418

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://phoenixcontact.com/download>)

Contact insert set for mounting side, sleeve frame with PE, 4 fixing screws, 8-pos. contact inserts preassembled, 6 coding profiles, 2 mounting flanges




The figure shows the 32-pos. version

## Why buy this product

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



## Key Commercial Data

Packing unit	5 STK
GTIN	 4 017918 941130
GTIN	4017918941130

## Technical data

### General

Note	Connectors may only be connected/disconnected when under no load.
Connection technology	Screw connection
Connection method	Screw connection
Tightening torque	0.22 Nm ... 0.25 Nm
Degree of pollution	3
Number of positions	31+PE
Insertion/withdrawal cycles	≥ 100
Size	VC3
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 mm <sup>2</sup>

# Contact insert set - VC-AR3/4M-S8888-SET - 1607418

## Technical data

### General

Conductor cross section flexible max.	0.75 mm <sup>2</sup>
Conductor cross section	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	30 ... 14
Stripping length of the individual wire	7 mm

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
---------------------------------	-------------------

### Material data

Contact material	CuZn
Contact surface material	Tin-plated
Contact carrier material	PA

### Electrical characteristics

Rated voltage (III/3)	160 V
Nominal voltage U <sub>N</sub>	160 V
Rated surge voltage	2.5 kV
	2.5 kV
Rated current	10 A
	10 A
Nominal current I <sub>N</sub>	10 A

### Standards and Regulations

Flammability rating according to UL 94	V0
--	----

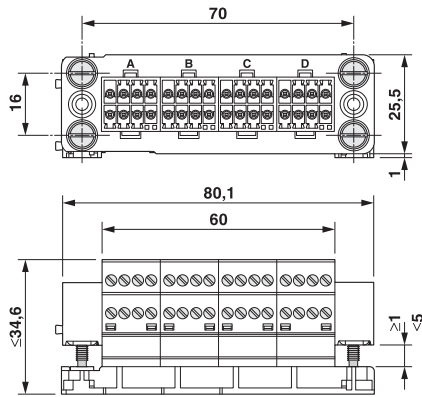
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

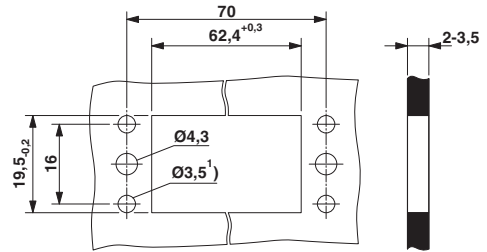
## Drawings

# Contact insert set - VC-AR3/4M-S8888-SET - 1607418

Dimensional drawing



Dimensional drawing



Contact insert

## Approvals

Approvals

---

Approvals

EAC

---

Ex Approvals

---

## Approval details

EAC		B.01742
-----	--	---------

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>