

# Contact insert set - VC-AR1/2M-S22-SET - 1607298

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

The illustration shows the 4-pos. version

## Product Features

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

## Key commercial data

<b>package_quantity</b>	5
<b>GTIN</b>	4017918941031

## Technical data

### General

<b>Note</b>	Connectors may only be connected/disconnected when under no load.
<b>Connection method</b>	Screw connection
<b>Connection method</b>	Screw connection
<b>Tightening torque</b>	0.5 Nm ... 0.6 Nm
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Number of positions</b>	3+PE
<b>Insertion/withdrawal cycles</b>	≥ 50
<b>Design</b>	VC1
<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section</b>	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
<b>Connection cross section AWG</b>	24 ... 12
<b>Stripping length of the individual wire</b>	7 mm

### Ambient conditions

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## Technical data

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
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### 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)	400 V
Nominal voltage $U_N$	400 V
Rated surge voltage	6 kV
Rated surge voltage	6 kV
Rated current	20 A
Rated current	20 A
Nominal current $I_N$	20 A

## classifications

### eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260705
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309

### ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

### UNSPSC

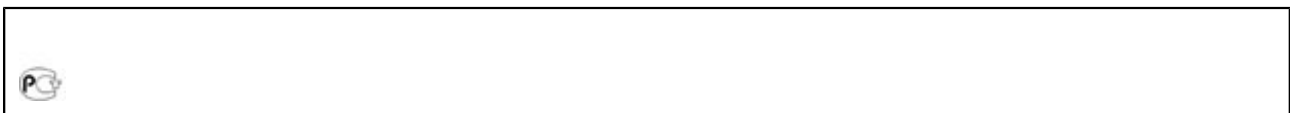
UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

## approvals

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approvals

Approval details

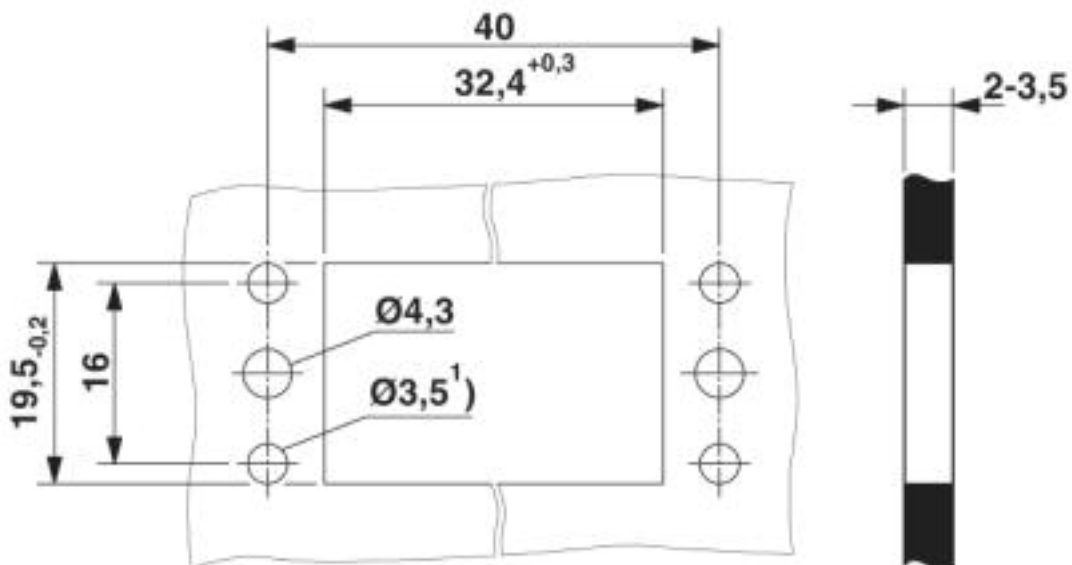


Drawings

Dimensioned drawing

Contact insert

Dimensioned drawing



Panel cutout

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