

Contact insert - VC-AMS 2 - 1853528

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Contact insert module, for panel mounting frames, with screw connection, 2-pos., 400 V / 20 A

Product Features

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

Key commercial data

package_quantity	50
GTIN	4017918127060

Technical data

General

Note	Connectors may only be connected/disconnected when under no load.
Connection method	Screw connection
Connection method	Screw connection
Tightening torque	0.5 Nm ... 0.6 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	2
Insertion/withdrawal cycles	≥ 100
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²

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Technical data

General

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Conductor cross section	0.2 mm ² ... 4 mm ²
Connection cross section AWG	24 ... 12
Stripping length of the individual wire	10 mm

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
Rated surge voltage	6 kV
Rated surge voltage	6 kV
Rated current	20 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
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

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approvals

UL Recognized / cUL Recognized / GOST / LR / GOST / cULus Recognized /

Approval details

UL Recognized	
Nominal voltage UN	600 V
Nominal current IN	20 A
mm ² /AWG/kcmil	30-10

cUL Recognized	
Nominal voltage UN	600 V
Nominal current IN	20 A
mm ² /AWG/kcmil	30-10

GOST

LR

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cULus Recognized

accessories

Coding element

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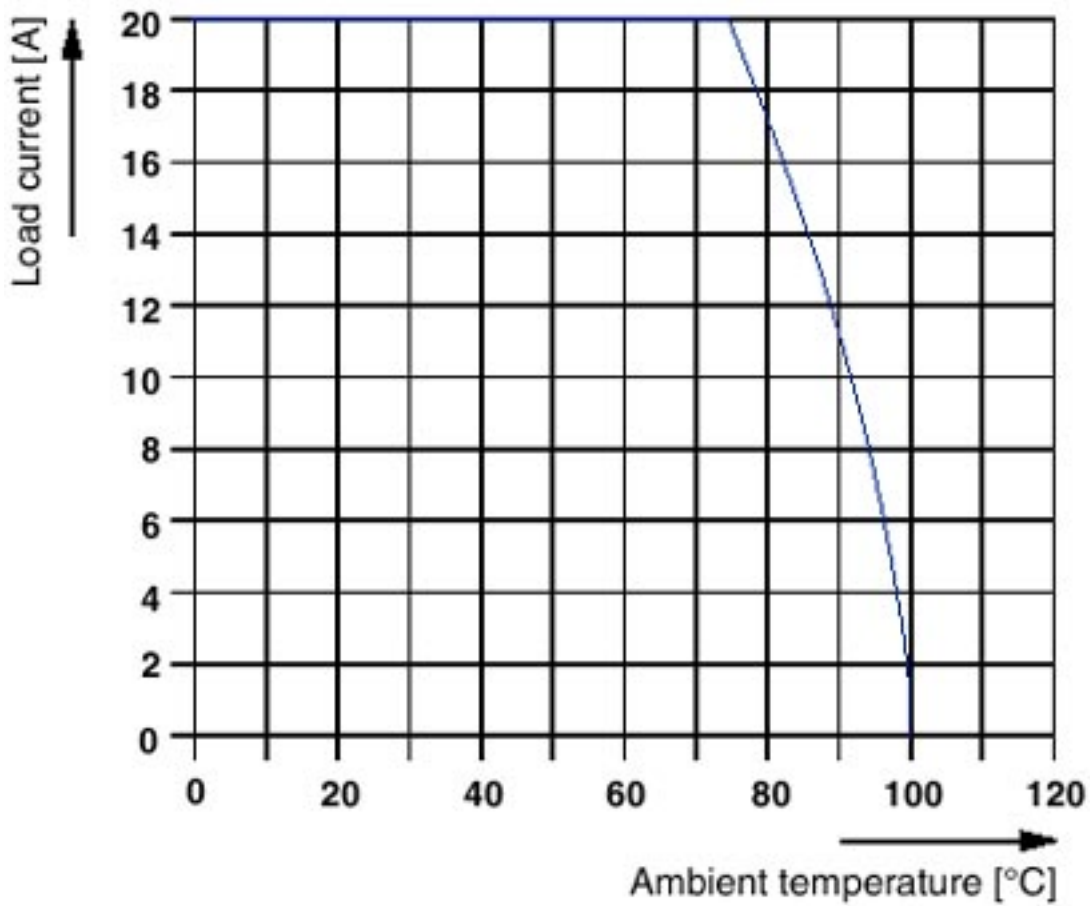
accessories

CP-HCC 4 - 1600027



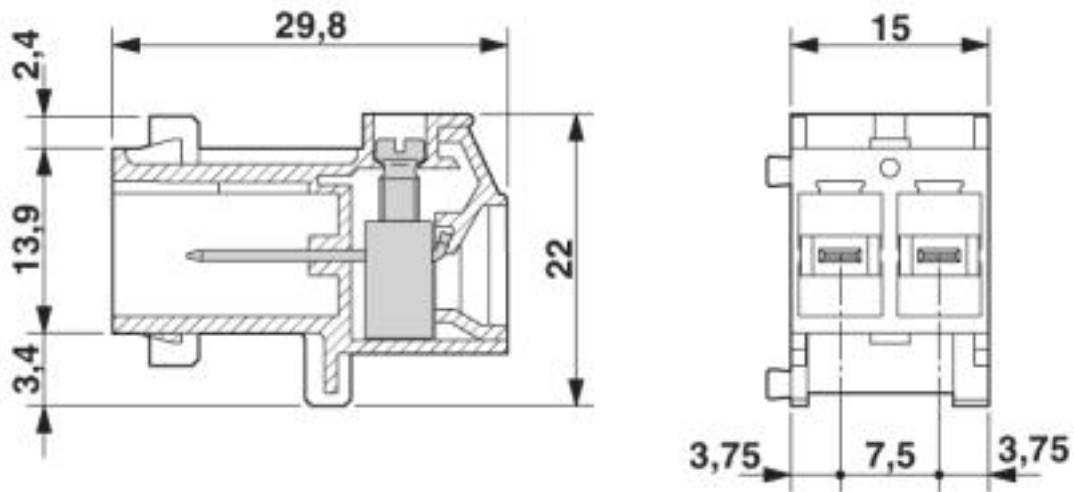
Drawings

Diagram



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Dimensioned drawing



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