

Contact insert - VC-TFS 2 - 1852846

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Contact insert module, for sleeve 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

Packing unit	1 pc
GTIN	 4 017918 127145
Weight per Piece (excluding packing)	8.78 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	0.5 Nm ... 0.6 Nm
Degree of pollution	3
Overvoltage category	III
Number of positions	2
Insertion/withdrawal cycles	≥ 100

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Technical data

General

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.	2.5 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
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

Flammability rating 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
	6 kV
Rated current	20 A
	20 A

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816

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Classifications

eCl@ss

eCl@ss 5.0	27371205
eCl@ss 5.1	27371205
eCl@ss 6.0	27371205
eCl@ss 7.0	27371205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 2.0	EC000437
ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000438

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / LR / EAC / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 	
mm²/AWG/kcmil	30-10
Nominal current I _N	20 A
Nominal voltage U _N	600 V

cUL Recognized 	
mm²/AWG/kcmil	30-10
Nominal current I _N	20 A
Nominal voltage U _N	600 V

LR

EAC

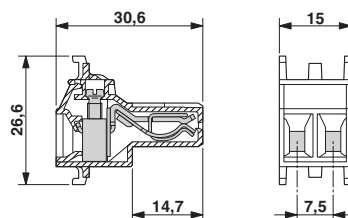
EAC

EAC

cULus Recognized 
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Drawings

Dimensional drawing



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Diagram

