

## Contact insert - VC-TFS 6 - 1853476

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 sleeve frames, with screw connection, 6-pos., 250 V / 10 A

### Why buy this product

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



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 132903
Weight per Piece (excluding packing)	6.28 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	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 16
Stripping length of the individual wire	6 mm

# Contact insert - VC-TFS 6 - 1853476

## Technical data

### 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
	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
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

# Contact insert - VC-TFS 6 - 1853476

## Approvals

Approvals

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

Ex Approvals

Approvals submitted

## Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-14
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	250 V

LR

GOST

cULus Recognized

## Accessories

Accessories

Coding element

# Contact insert - VC-TFS 6 - 1853476

## Accessories

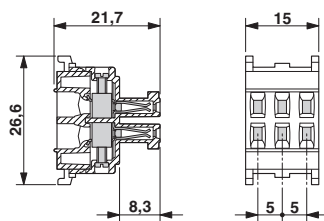
Coding profile - CP-MSTB - 1734634

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



## Drawings

Dimensioned drawing



Diagram

