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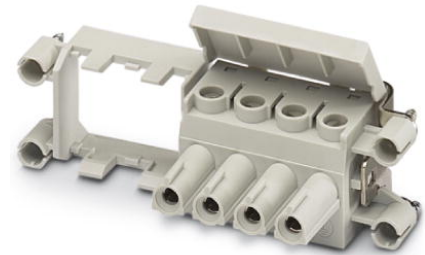
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Extract from the online catalog


## VC-TFS 4/1M-PEA

Order No.: 1607488



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1607488>

Contact insert with integrated sleeve frame, 1 free module slot, type VC 3, 3-pos. + PE, 690 V / 70 A

Commercial data	
GTIN (EAN)	 4 017918 969141
Note	Made-to-order
sales group	D224
Pack	5 pcs.
Customs tariff	85366990
Catalog page information	Page 352 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
12/15/2006



<http://www.download.phoenixcontact.com>  
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

General data	
Note	Plug connectors may only be connected/disconnected when under no load.
Connection method	Screw connection
	Screw connection
Tightening torque	1.2 Nm ... 1.8 Nm

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Ambient temperature (operation)	-40 °C ... 100 °C
Pollution degree	3
Surge voltage category	III
Number of positions	4
Insertion/withdrawal cycles	≥ 500
Design	VC3
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm <sup>2</sup>
Conductor cross-section	0.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Connection cross-section AWG	20 ... 6
Stripping length of the individual wire	14 mm

**Material data**

Inflammability class acc. to UL 94	V0
Contact material	CuZn
Contact surface material	hard-silver plated
Contact carrier material	PA

**Electrical characteristics**

Rated voltage (III/3)	690 V
Rated surge voltage	6 kV
	6 kV
Rated current	70 A
	70 A

**Certificates / Approvals**


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Certification

CUL, UL

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#### Accessories

Item	Designation	Description
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#### Tools

1205862	MICROFOX SC	Diagonal cutter for Cu wire up to 1.5 mm diameter
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