

VC-TFS 2

Order No.: 1852846

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1852846>Contact insert module, for sleeve frames, with screw connection, 2-
pos., 400 V / 20 A

Commercial data	
EAN	4017918127145
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.008784 KG
Catalog page information	Page 354 (PC-2009)

Product notesWEEE/RoHS-compliant since:
11/17/2006

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Technical data	
General data	
Note	Plug connectors may only be connected/disconnected when under no load.
Connection method	Screw connection
	Screw connection
Tightening torque	0.5 Nm ... 0.6 Nm

Ambient temperature (operation)	-40 °C ... 100 °C
Pollution degree	3
Surge voltage category	III
Number of positions	2
Insertion/withdrawal cycles	≥ 100
Design	VC1/-2/-3/-4
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

Material data

Inflammability class acc. 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

Certificates / Approvals



Certification

CUL, LR, UL

CUL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	30-10

UL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	30-10

Accessories

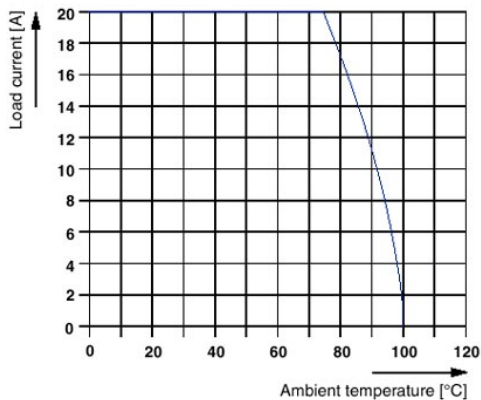
Item	Designation	Description
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Plug/Adapter

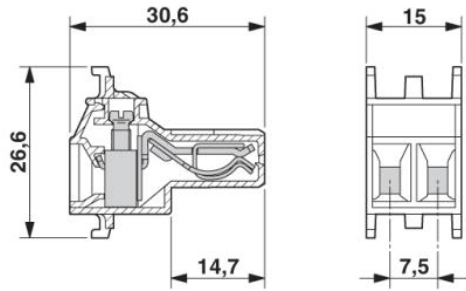
1600027	CP-HCC 4	Coding profile, Color: red
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Diagrams/Drawings

Diagram



Dimensioned drawing



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