



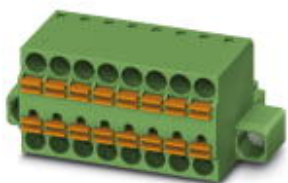
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Printed-circuit board connector - TFMC 1,5/ 5-STF-3,5 - 1772731

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Why buy this product

- Very compact, front TWIN connection for 1.5 mm²
- Fast conductor connection thanks to Push-in spring-cage connection
- Touch connection for voltage testing using a 1 mm Ø test pin
- Two connections per position
- Signal distribution of up to 8 A directly on the device



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 464079

Technical data

Dimensions

Pitch	3.50 mm
Dimension a	14 mm

General

Range of articles	TFMC 1,5/...-STF
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE

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Technical data

General

Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	10 mm
Number of positions	5

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	16

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638

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Classifications

ETIM

ETIM 5.0	EC002638
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UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals


EAC / VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IEC60335 CB Scheme

Ex Approvals

Approvals submitted

Approval details

EAC

VDE Gutachten mit Fertigungsüberwachung 	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cULus Recognized		
	B	C
mm ² /AWG/kcmil	24-16	24-16
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	50 V

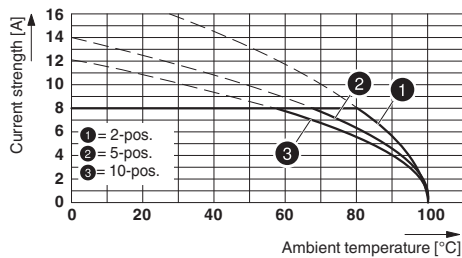
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Approvals

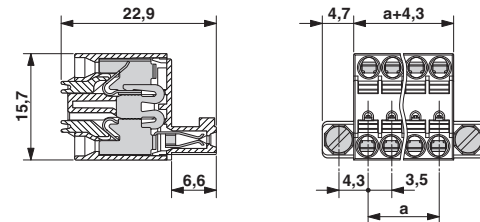
IECEE CB Scheme	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

Drawings

Diagram



Dimensional drawing



Type: TFMC 1,5/...-STF-3,5 with MC 1,5/...-GF-3,5

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Product	Code	Reference	Product link
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