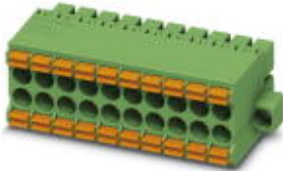


Printed-circuit board connector - DFMC 1,5/10-STF-3,5 - 1790373

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://phoenixcontact.com/download>)

Plug, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 10 with 20 contacts, pitch: 3.5 mm, connection method: spring-cage connection, color: green, contact surface: tin



The figure shows a 10-pos. version with 20 contacts

Why buy this product

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Intuitive use through colour coded actuation lever
- ✓ Optimized for tight installation situations: operation and conductor connection from one direction
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	10.200 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	22.65 mm
Height	13.25 mm
Width	42 mm
Pitch	3.50 mm
Dimension a	31.5 mm

General

Range of articles	DFMC 1,5/...-STF
-------------------	------------------

Printed-circuit board connector - DFMC 1,5/10-STF-3,5 - 1790373

Technical data

General

Type of contact	Female connector
Number of positions	10
Connection method	Push-in spring connection
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)	250 V
Connection in acc. with standard	EN-VDE
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

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	16
Maximum AWG according to UL/CUL	24

Standards and Regulations

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

Environmental Product Compliance

Printed-circuit board connector - DFMC 1,5/10-STF-3,5 - 1790373

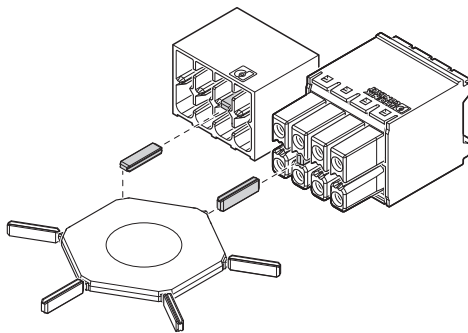
Technical data

Environmental Product Compliance

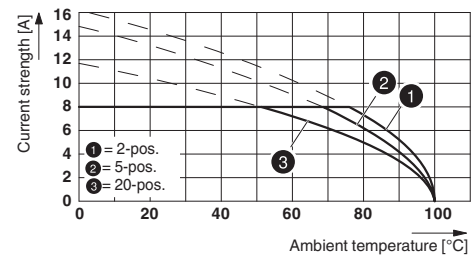
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram

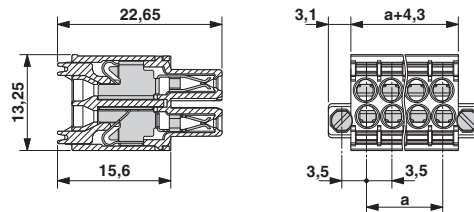


Diagram



Use of the CP-DMC... coding profile

Dimensional drawing



Approvals

Approvals

Approvals


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

Ex Approvals


Printed-circuit board connector - DFMC 1,5/10-STF-3,5 - 1790373

Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung  <http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx> 40038423

mm ² /AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

IECEE CB Scheme  http://www.iecee.org/DE1-56070_B1_B2

Nominal current IN	8 A
Nominal voltage UN	160 V

cULus Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> E60425-19920306

	B	C
mm ² /AWG/kcmil	16-24	16-24
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	50 V

EAC B.01742
