

Printed-circuit board connector - ZEC 1,5/ 2-ST-5,0 C2 R1,2 - 1883048

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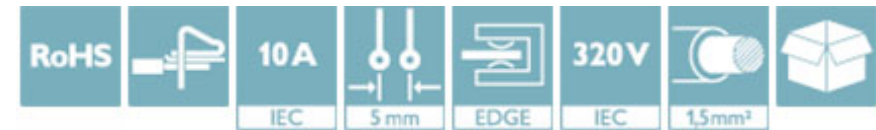


Direct connector, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, Mounting: Direct plug-in method

The figure shows a 10-position version of the product

Why buy this product

- ✔ Defined contact force ensures that contact remains stable over the long term
- ✔ Inexpensive direct plug-in connection with just one component
- ✔ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✔ Plug-in direction parallel to the PCB



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 161002
GTIN	4017918161002
Custom tariff number	8536909000
Sales Key	AAAFMA

Technical data

Dimensions

Length	24.05 mm
Height	17.5 mm
Width	11.4 mm
Pitch	5 mm
Dimension a	5 mm

General

Range of articles	ZEC 1,5/..-ST
Type of contact	Female connector

<https://www.phoenixcontact.com/cn/products/1883048>

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Technical data

General

Number of positions	2
Connection method	Spring-cage connection
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	10 A
Nominal cross section	1.5 mm ²
Maximum load current	10 A (with 1.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 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.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
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.	0.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	14

Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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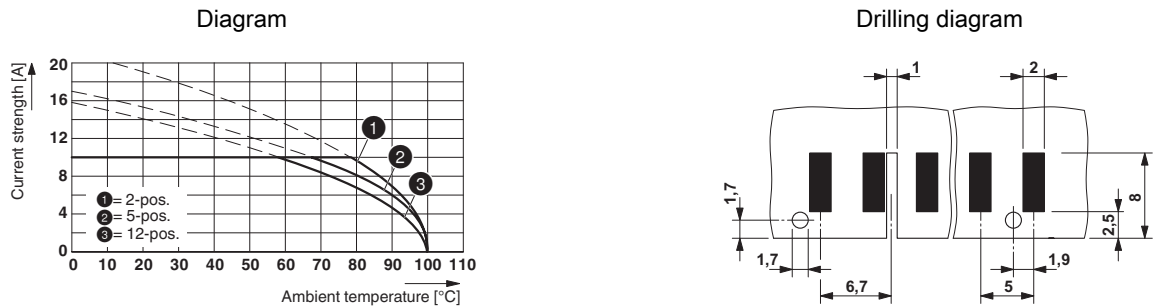
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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values
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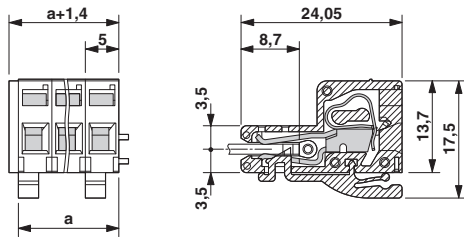
Drawings



Type: ZEC 1,5/...-ST-5,0

Size of the PCB: 1.6 ± 0.2 mm

Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	26-14	26-14	

<https://www.phoenixcontact.com/cn/products/1883048>

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Approvals

	B	D
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40020343
mm ² /AWG/kcmil	0.2-1.5		
Nominal current I _N	10 A		
Nominal voltage U _N	250 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil	B	D	
	26-14	26-14	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-51128
Nominal current I _N	10 A		
Nominal voltage U _N	1000 V		

CCA	DE1 34215		
Nominal current I _N	10 A		
Nominal voltage U _N	1000 V		

EAC		B.01742	
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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