

PCB terminal block - ZFKDSA 1-3,81-30 - 1932915

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>)

PCB terminal block, Nominal current: 12 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 30, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green




The illustration shows the 10-position version

Why buy this product

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ The latching on the side enables various numbers of positions to be combined
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 880149
GTIN	4017918880149
Custom tariff number	85369010
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	16.9 mm
Pitch	3.81 mm
Dimension a	110.49 mm
Constructional height	15 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,7 x 0,8 mm
Hole diameter	1.2 mm

General

PCB terminal block - ZFKDSA 1-3,81-30 - 1932915

Technical data

General

Range of articles	ZFKDS(A) 1
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)	200 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	1 mm ²
Solder pin surface	Sn
Stripping length	7.5 mm
Number of positions	30

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approval details

PCB terminal block - ZFKDSA 1-3,81-30 - 1932915

Approvals


UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425

	B	D
mm²/AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

cUL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 60425

	B	D
mm²/AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

EAC B.01742

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1932915