

PCB terminal block - ZFKDSA 10-11,7 - 1987054

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://download.phoenixcontact.com>)



PCB terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 mm, Number of positions: 1, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

The figure shows a 1-pos. version of the product

Product Features

- ✓ Color coding of individual positions supported
- ✓ Fully insulated bridges (FBSK) with different numbers of positions, e.g., for potential distribution
- ✓ Integrated test connection
- ✓ 15 mm pitch for unlimited 600 V UL approval
- ✓ Optional mounting flange (FL) for safe mounting in the device
- ✓ PCB terminal blocks with spring-cage connection, up to 16 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918973162

Technical data

Dimensions

Length	33.4 mm
Pitch	10 mm
Pin dimensions	1,2 x 1,4
Pin spacing	10 mm
Hole diameter	2.2 mm

General

Range of articles	ZFKDS(A) 10
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)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	800 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	76 A

PCB terminal block - ZFKDSA 10-11,7 - 1987054

Technical data

General

Nominal cross section	10 mm ²
Maximum load current	76 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	12 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	6
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	6

classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

PCB terminal block - ZFKDSA 10-11,7 - 1987054

classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

UL Recognized / cUL Recognized / GOST / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized /

Approval details

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	65 A	65 A	10 A
mm²/AWG/kcmil	24-6	24-6	24-6

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	300 V	150 V	300 V
Nominal current IN	65 A	65 A	10 A
mm²/AWG/kcmil	24-6	24-6	24-6

GOST 			
---	--	--	--

			
---	--	--	--

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	320 V
Nominal current IN	76 A
mm²/AWG/kcmil	0.2-16

PCB terminal block - ZFKDSA 10-11,7 - 1987054

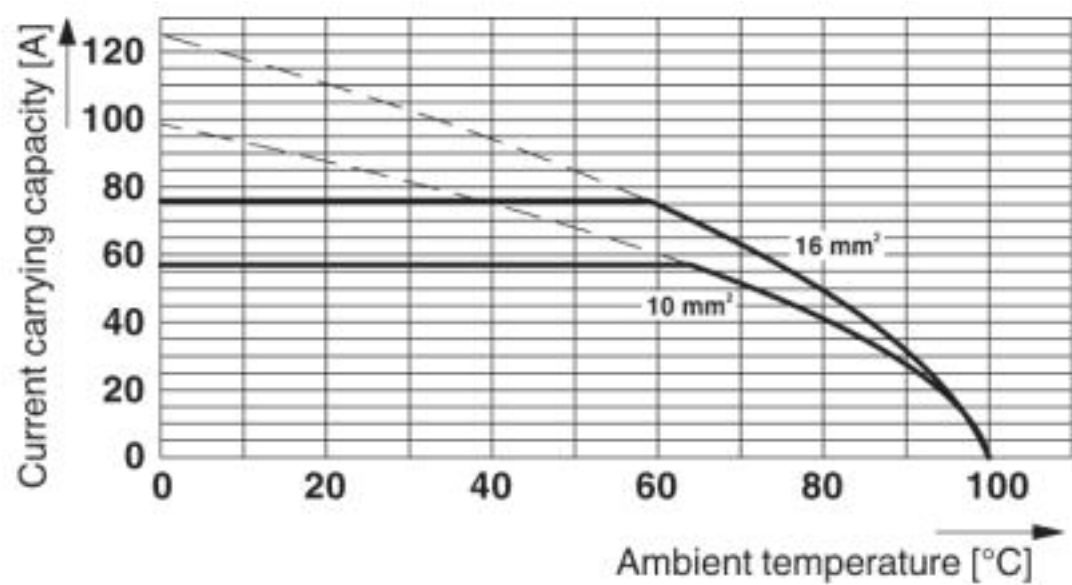
approvals

IECEE CB Scheme 	
Nominal voltage UN	320 V
Nominal current IN	76 A
mm²/AWG/kcmil	0.2-16

cULus Recognized  US

Drawings

Diagram



Type: ZFKDS 10-10,00 and ZFKDSA 10-11,7
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>