

PCB terminal block - ZFKDS 4- 7,5 - 1907526

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PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

The figure shows a 5-pos. version of the product

Product Features

- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Separate bridge shaft for easily connecting multiple positions to jumpers
- Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	4.8 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	29 mm
Pitch	7.50 mm
Constructional height	23 mm
Length of the solder pin	4.6 mm
Pin dimensions	1,0 x 1,4 mm
Hole diameter	1.8 mm

General

Range of articles	ZFKDS(A) 4
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Technical data

General

Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm ²
Maximum load current	32 A (with 4 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 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.	4 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.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10

Standards and Regulations

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

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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
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

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


Ex Approvals

Approvals submitted


Approval details

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Approvals

UL Recognized 


	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current I _N	30 A	30 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized 

	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current I _N	30 A	30 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung 

mm ² /AWG/kcmil	0.2-4
Nominal current I _N	32 A
Nominal voltage U _N	500 V

IECEE CB Scheme 

mm ² /AWG/kcmil	0.2-4
Nominal current I _N	32 A
Nominal voltage U _N	500 V

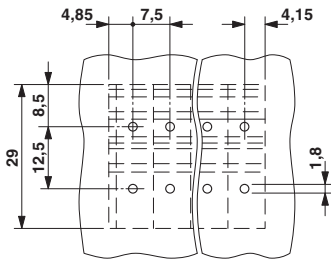
EAC

cULus Recognized  

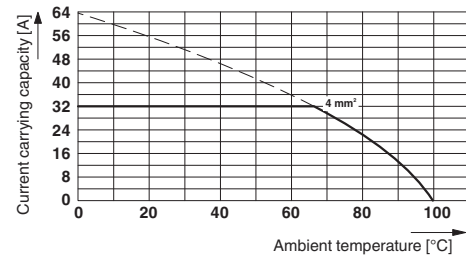
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Drawings

Drilling diagram



Diagram



Type: ZFKDS 4-7,5 and ZFKDSA 4-9
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensional drawing

