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

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

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!

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

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Technical data

General

Range of articles	ZFKDS(A) 4
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 mm²
Maximum load current	32 A (with 4 mm² 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 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
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
eCl@ss 9.0	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 / IECEE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-4
Nominal current IN	32 A
Nominal voltage UN	500 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-4
Nominal current IN	32 A
Nominal voltage UN	500 V

EAC

EAC

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Approvals

cULus Recognized

Accessories

Accessories

Bridge

Plug-in bridge - FBSK 5-7,5 - 1928372

Bridge, fully insulated, pitch 7.5 mm, 5-pos.

Plug-in bridge - FBSK 4-7,5 - 1928369

Bridge, fully insulated, pitch 7.5 mm, 4-pos.

Plug-in bridge - FBSK 10-7,5 - 1928385

Bridge, fully insulated, pitch 7.5 mm, 10-pos.

Plug-in bridge - FBSK 2-7,5 - 1928343

Bridge, fully insulated, pitch 7.5 mm, 2-pos.

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Accessories

Plug-in bridge - FBSK 3-7,5 - 1928356

Bridge, fully insulated, pitch 7.5 mm, 3-pos.

Flange

PCB terminal block - FL-ZFKDS 4 - 1928495

Pair of flanges, can be snapped onto a row of single terminal blocks

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Labeled terminal marker

Marker card - SK 7,5/5:FORTL.ZAHLEN - 0804468

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, for terminal block width: 7.5 mm, Lettering field: 7.5 x 5 mm

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Marker pen

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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Pitch spacer

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Accessories

PCB terminal block - RZ-ZFKDS 4 - 1928521

Pitch spacer, 2.5 mm wide

Printed circuit board terminal

PCB terminal block - ZFKDSA 4- 9 - 1907542

End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks

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Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Terminal marking

Marker card - SK U/5,0 WH:UNBEDRUCKT - 0803922

Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

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Test plug terminal block

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Accessories

Test plugs - MPS-MT - 0201744

Test plugs, Color: silver

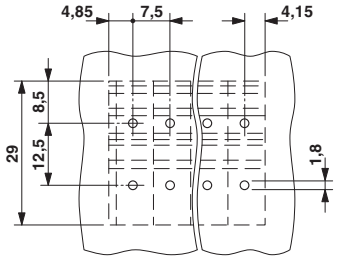
Required add-on products

PCB terminal block - ZFKDSA 4- 9 - 1907542

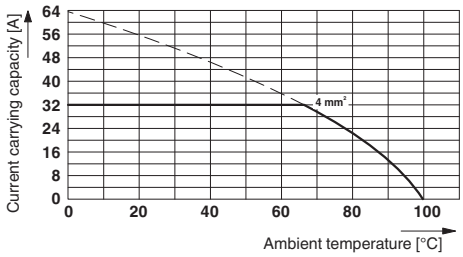
End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks

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

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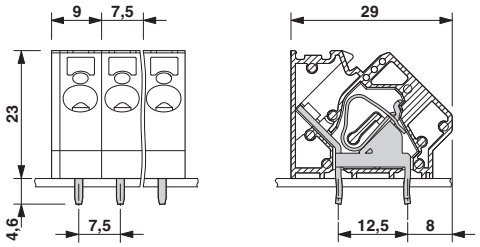
Dimensional drawing



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