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PCB terminal block - ZFKDS 4-10 - 1907539

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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: 10 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!

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
- Separate bridge shaft for easily connecting multiple positions to jumpers
- Quick and convenient testing using integrated test option

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 193904

Technical data

Dimensions

Length	29 mm
Pitch	10.00 mm
Width	11.5 mm
Constructional height	23 mm
Height	27.6 mm
Length of the solder pin	4.6 mm
Pin dimensions	1 x 1,4 mm
Hole diameter	1.8 mm

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)	630 V

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Technical data

General

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

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

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Classifications

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 / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized

	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-4
Nominal current IN	32 A
Nominal voltage UN	630 V

IECEE CB Scheme

mm²/AWG/kcmil	0.2-4
Nominal current IN	32 A
Nominal voltage UN	630 V

EAC

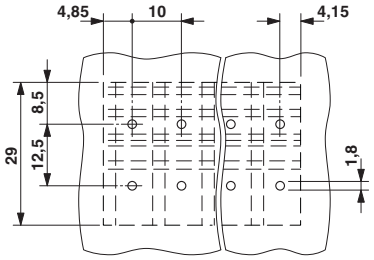
cULus Recognized

Drawings

Diagram

Type:
ZFKDS
4-10
Test
according
to
DIN
EN
60947-7-4
(VDE
0611-7-4):2014-08
Illustration
according
to
DIN
EN
60512-5-2:2003-01
Reduction
factor
=
1
Number
of

Drilling diagram



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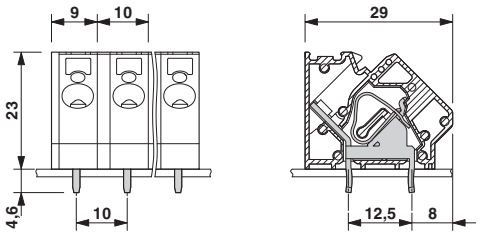
positions:
4

Dimensional drawing



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Product	Code	Reference	Product link
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