PCB terminal block - ZFKDSA 4- 9 - 1907542

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

Your advantages

- 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
GTIN	4 017918 193911
GTIN	4017918193911
Weight per Piece (excluding packing)	5.480 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Item properties

Brief article description	PCB terminal block
Range of articles	ZFKDS(A) 4
Pitch	7.5 mm
Number of positions	1
Connection method	Spring-cage connection

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Technical data

Item properties

Mounting type	Wave soldering
Pin layout	Linear pinning
Number of levels	1
Number of connections	1
Number of potentials	1

Electrical parameters

Nominal current	32 A
Nom. voltage	630 V
Rated voltage	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV

Connection capacity

Connection method	Spring-cage connection
pluggable	Yes
Conductor cross section solid	0.2 mm² ... 6 mm²
Conductor cross section flexible	0.2 mm² ... 4 mm²
Conductor cross section AWG / kcmil	24 ... 10
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² ... 4 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 mm² ... 4 mm²
Stripping length	10 mm

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Metal surface terminal point (top layer)	Tin (10 - 16 µm Sn)
Metal surface soldering area (top layer)	Tin (10 - 16 µm Sn)

Material data - housing

Housing color	green (6021)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850

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Technical data

Material data - housing

Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Length [l]	29 mm
Pitch	7.5 mm
Height (without solder pin)	23 mm
Solder pin [P]	4.6 mm
Pin dimensions	1 x 1.4 mm

Dimensions for PCB design

Hole diameter	1.8 mm

Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

Electrical tests

Rated current	32 A
Conductor cross section	4 mm²
Rated voltage (III/2)	630 V
Rated surge voltage (III/2)	6 kV

Standards and Regulations

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

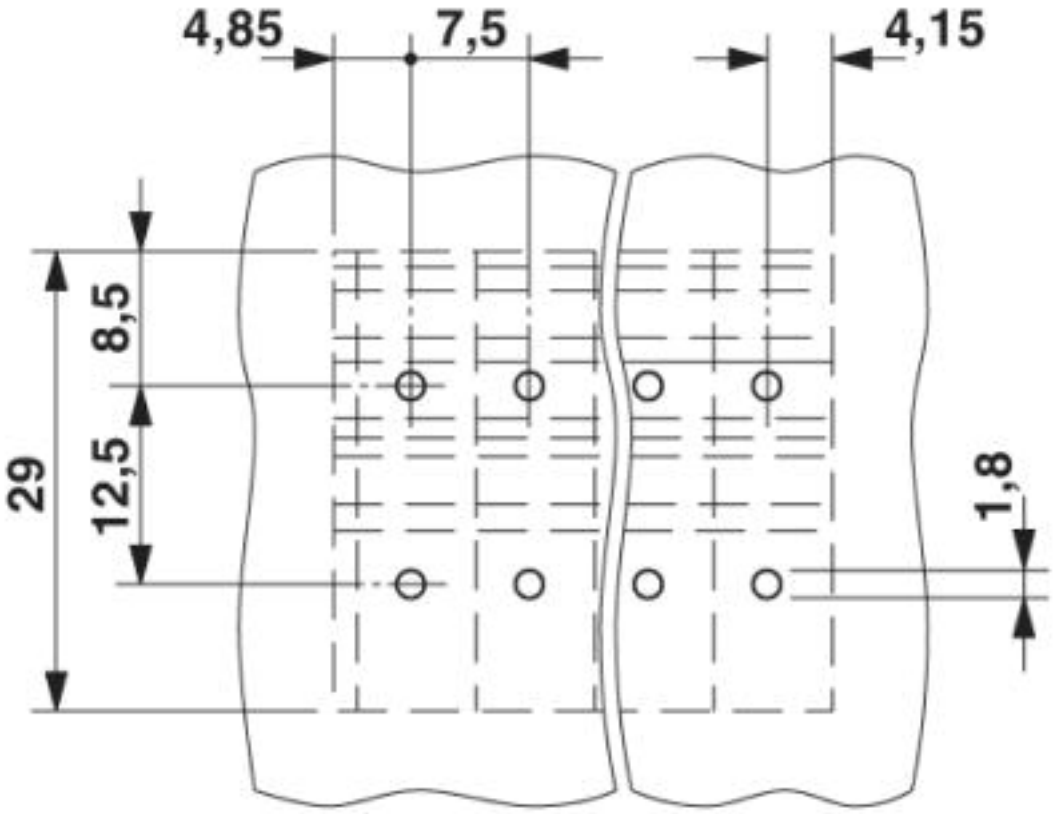
Environmental Product Compliance

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

Drawings

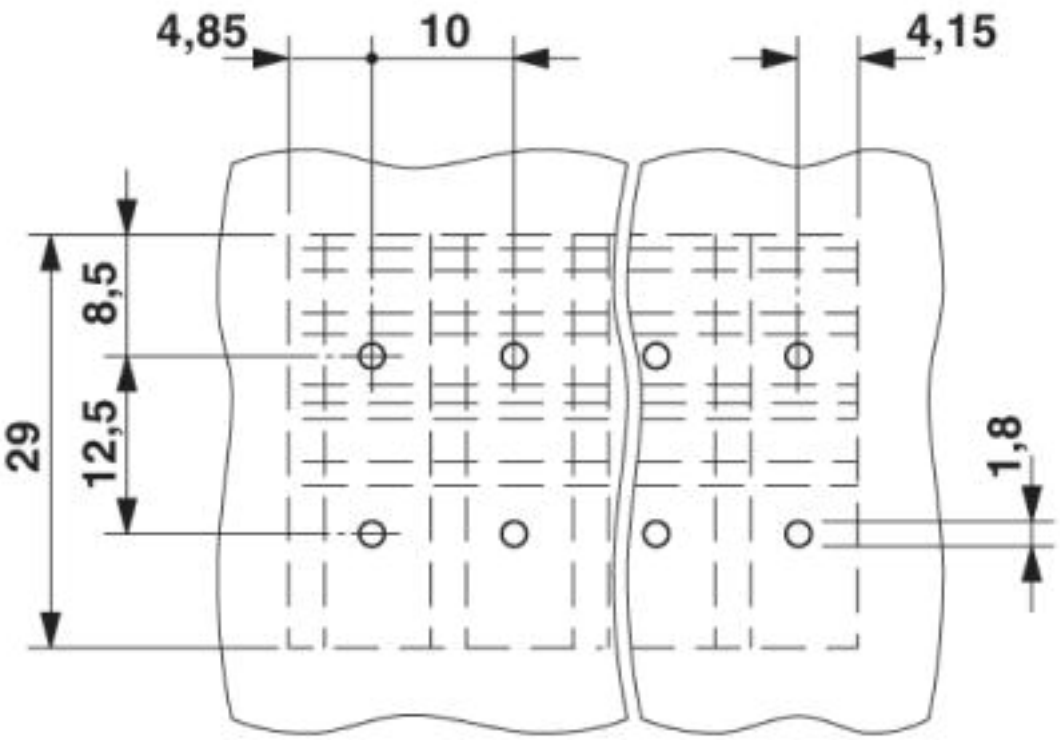
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Drilling diagram

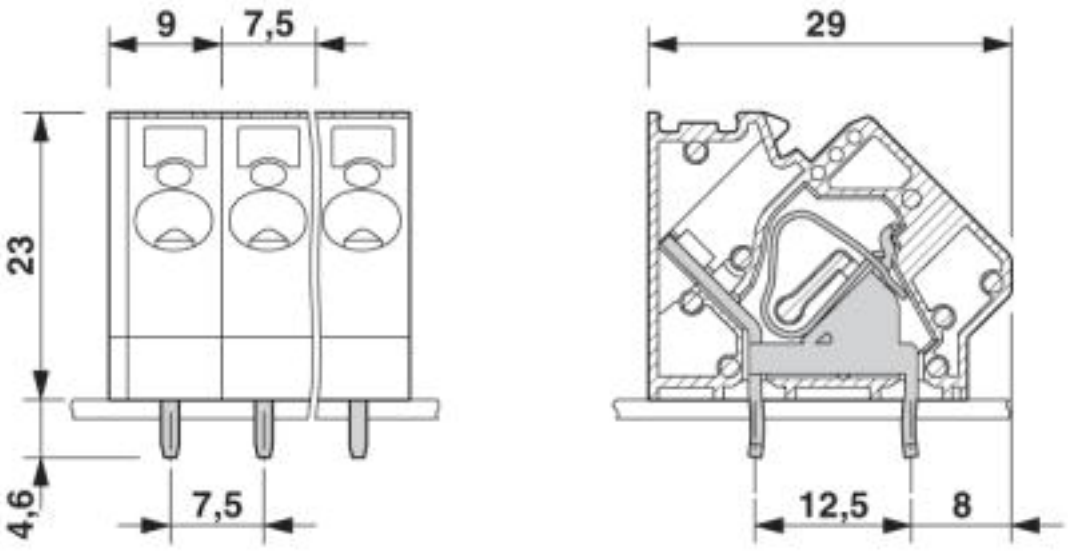


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Drilling diagram

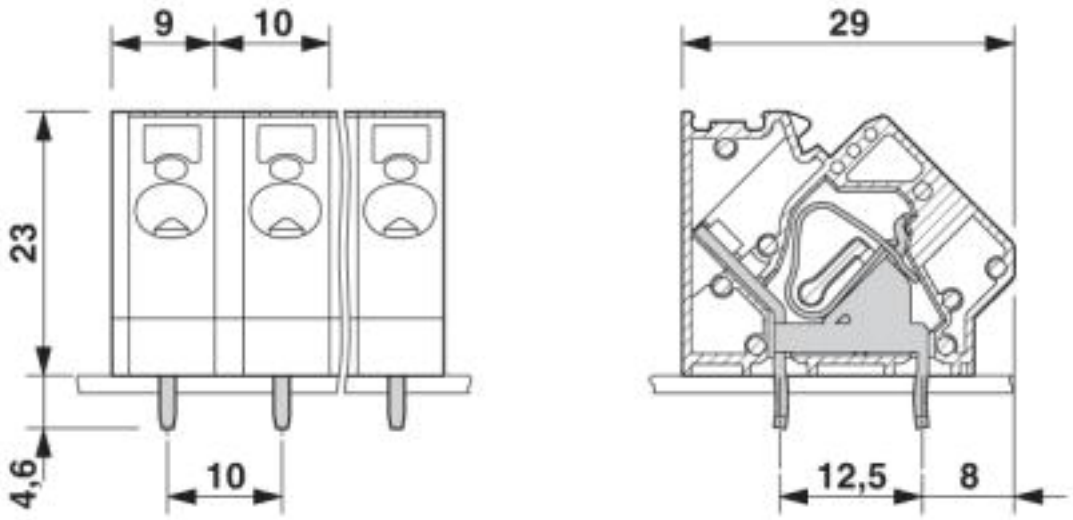


Dimensional drawing



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC000886
ETIM 5.0	EC002643
ETIM 6.0	EC002643
ETIM 7.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

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Classifications

UNSPSC

UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE-51234

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

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40036082

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

EAC	EAC	B.01687

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Approvals

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19941110

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

Accessories

Accessories

Bridge

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



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

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



Bridge, fully insulated, pitch 7.5 mm, 3-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 10-7,5 - 1928385



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

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



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

Flange

PCB terminal block - FL-ZFKDS 4 - 1928495



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

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 size: 7.5 x 5 mm

Marker pen

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Accessories

Marker pen - B-STIFT - 1051993



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

Pitch spacer

Pitch spacer - RZ-ZFKDS 4 - 1928521



Pitch spacer, 2.5 mm wide

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

Terminal marking

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



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 5 mm, Number of individual labels: 630

Test plug terminal block

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Accessories

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: gray

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