PCB terminal block - SPTA 5/ 8-7,5-ZB - 1819147

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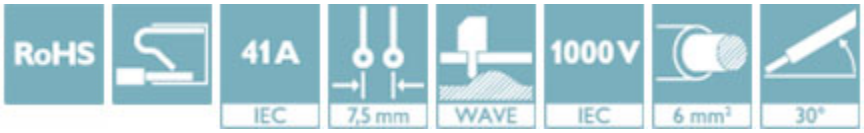
The figure shows a 5-pos. version of the product

PCB terminal block, nominal current: 41 A, pitch: 7.5 mm, number of positions: 8, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 30 °, color: green

Your advantages

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 787253
GTIN	4046356787253
Weight per Piece (excluding packing)	42.400 g
Custom tariff number	85369010
Country of origin	India

Technical data

Dimensions

Length [l]	29 mm
Pitch	7.5 mm
Dimension a	52.5 mm
Width [w]	61.8 mm

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Technical data

Dimensions

Height	34 mm
Height [h]	38.6 mm
Solder pin [P]	4.6 mm
Pin spacing	14 mm
Hole diameter	2.1 mm

General

Range of articles	SPTA 5/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	800 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	41 A
Nominal cross section	6 mm²
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	15 mm
Number of positions	8

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.	6 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 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.	8
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²

Standards and Regulations

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Technical data

Standards and Regulations

Connection in acc. with standard	EN-VDE
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

Drilling diagram

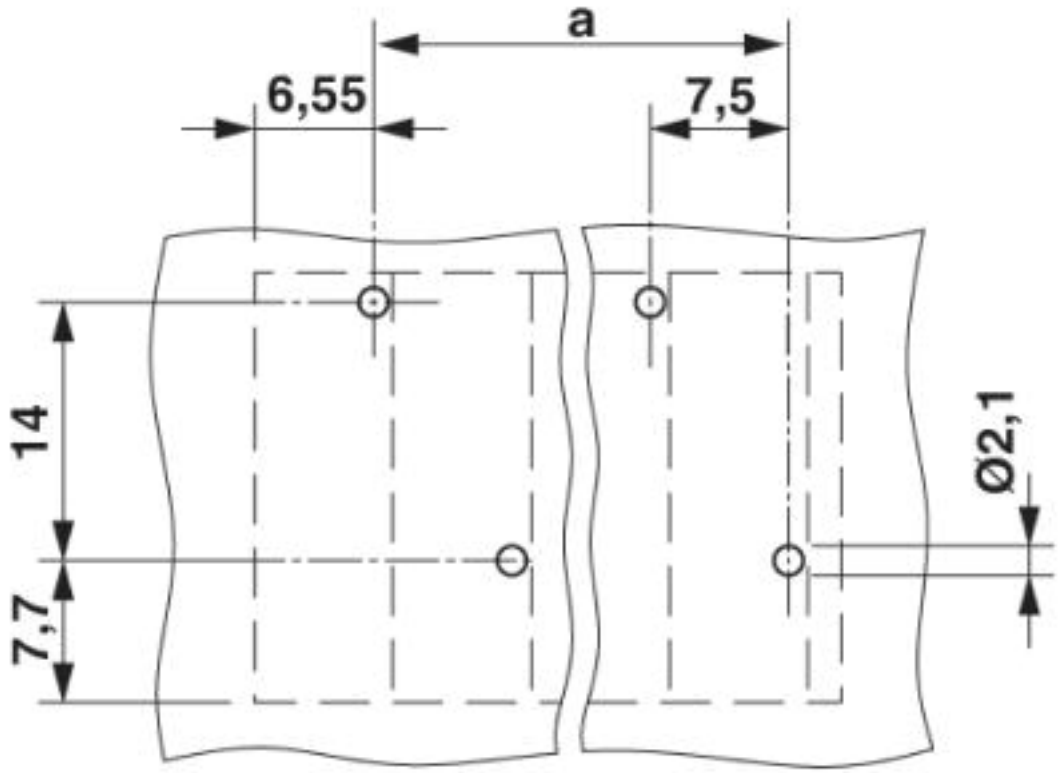

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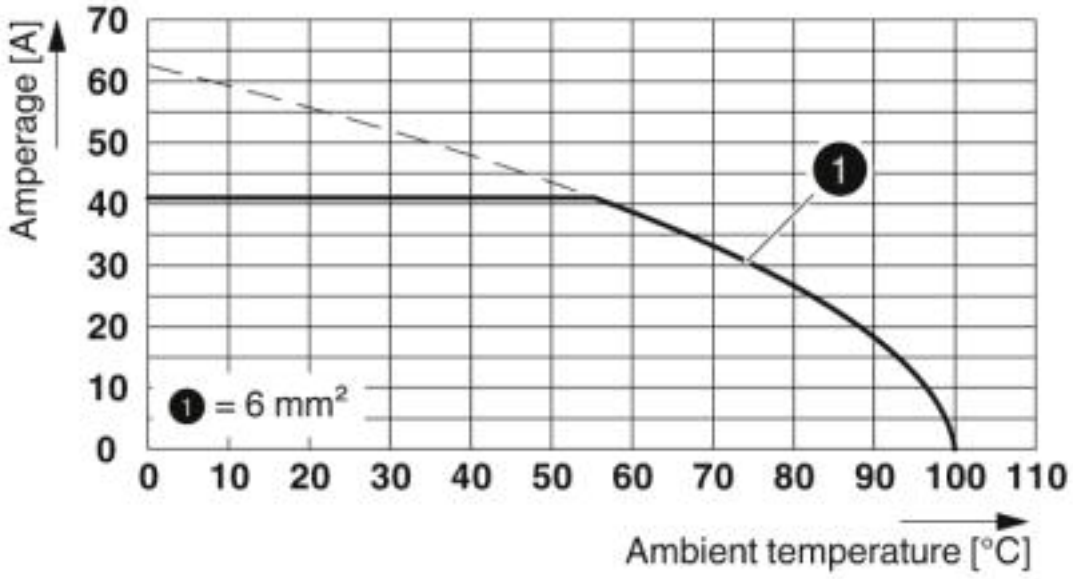
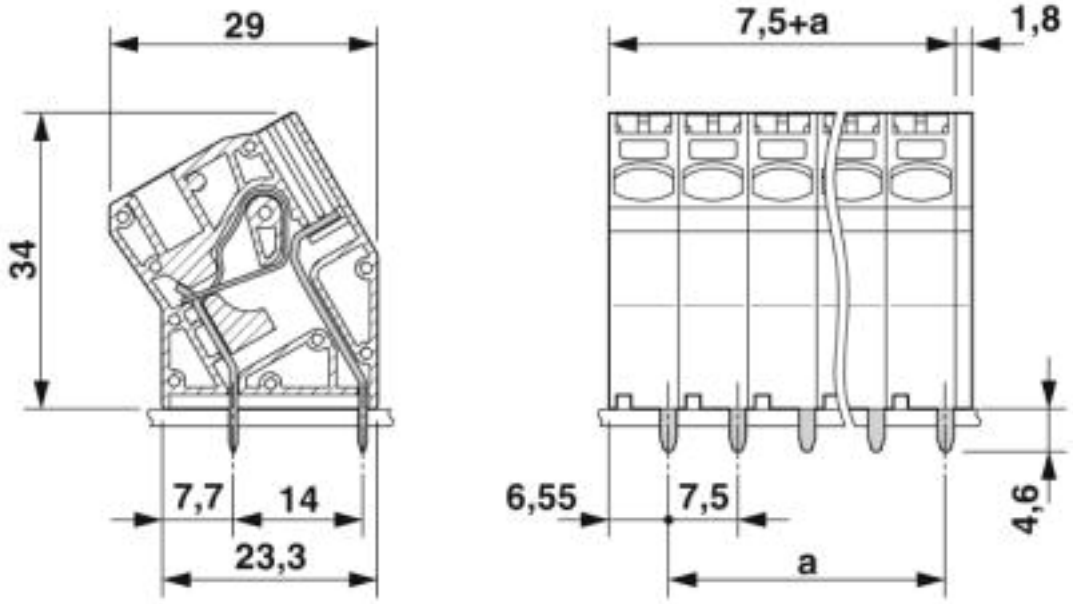
Diagram



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141100

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Classifications

eCl@ss

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	EC002643
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

Approvals

Approvals

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IECEE CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized

Ex Approvals

Approval details

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	CB DE1-61015

Nominal voltage UN	1000 V
Nominal current IN	41 A
mm²/AWG/kcmil	0.2-6

VDE Zeichengenehmigung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40041641

Nominal voltage UN	1000 V
Nominal current IN	41 A
mm²/AWG/kcmil	0.2-6

EAC	EAC	B.01742

cULus Recognized	cULus	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20061129

	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	33 A	33 A
mm²/AWG/kcmil	24-8	24-8

Accessories

Accessories

Bridge

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.

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

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

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

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

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034

Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Screwdriver tools

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Accessories

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