

PCB terminal block - FRONT 2,5-V/SA 5-EX - 1701162

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Nominal current (Ex): 22 A, Nominal voltage (Ex): 176 V, Pitch: 5 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

Product Features

- Two solder pins for a high level of stability on the PCB
- Voltage can be increased by using pitch spacers
- Front conductor connection

Key commercial data

package_quantity	50
GTIN	4017918023003

Technical data

Dimensions

Length	18.5 mm
Pitch	5 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.2 mm

General

Range of articles	FRONT 2,5-V-EX
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	17.5 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn

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Technical data

General

Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	9 mm
Number of positions	1
Screw thread	M2,5
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm ²

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
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classifications

ETIM

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

IECEX / ATEX / GOST /

Approval details

IECEX	
Nominal voltage UN	176 V
Nominal current IN	21 A
mm ² /AWG/kcmil	2.5

ATEX 	
Nominal voltage UN	176 V
Nominal current IN	21 A
mm ² /AWG/kcmil	2.5

GOST 	
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accessories

End cover

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accessories

D-FRONT 2,5-V-O.Z. - 1700011



Pitch spacer

RZ 2,5-FRONT 2,5 V-EX - 1700794



Screwdriver tools

SZS 0,6X3,5 - 1205053



Labeled terminal marker

SK 5/3,8:FORTL.ZAHLEN - 0804183



Bridge

EBP 2- 5 - 1733169

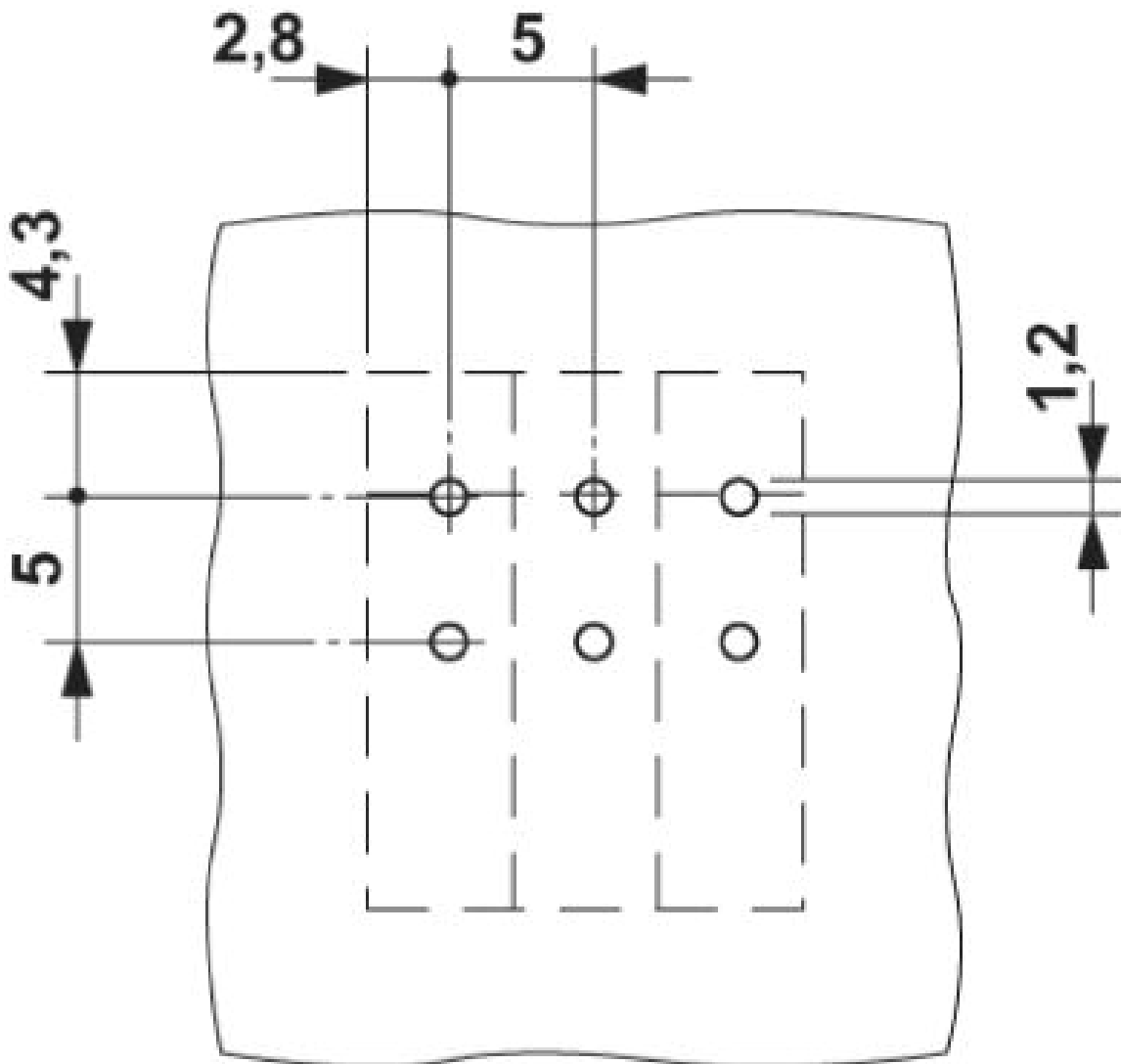


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accessories

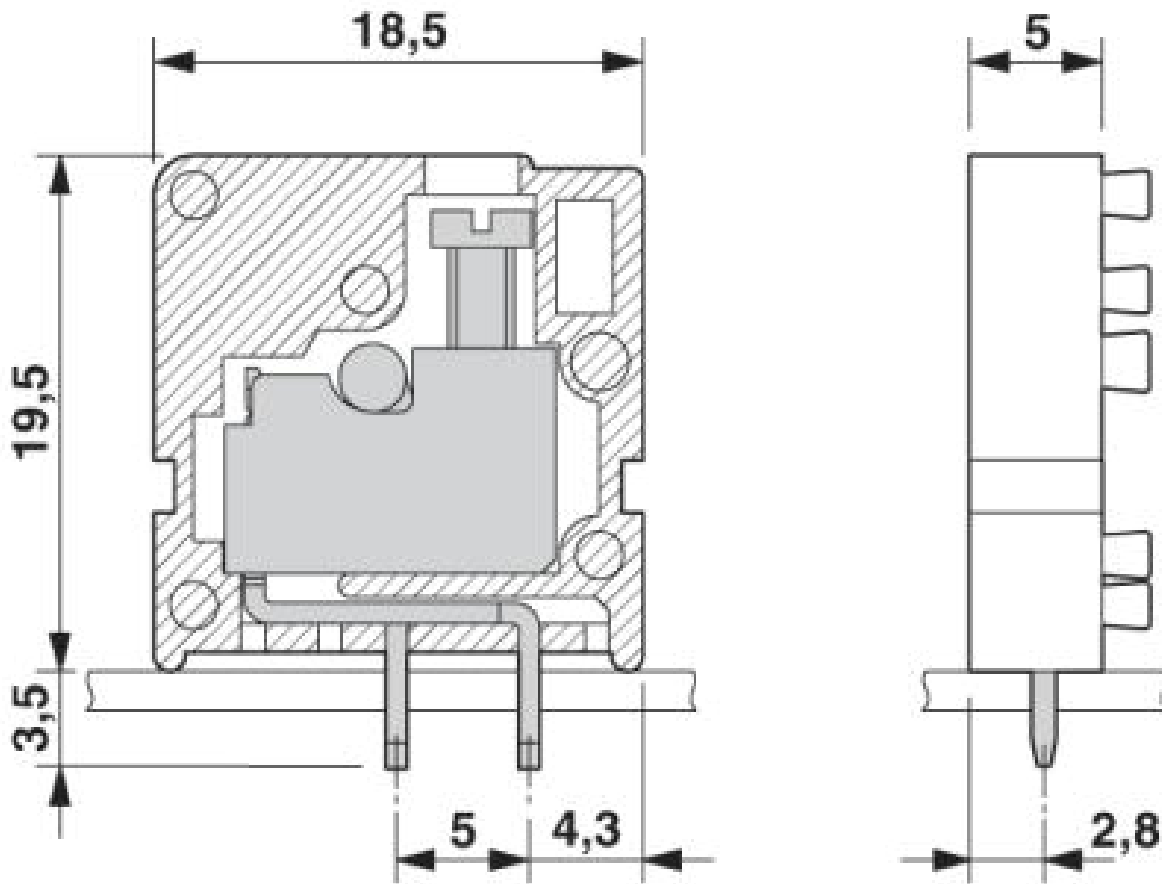
Drawings

Drilling diagram



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Dimensioned drawing



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