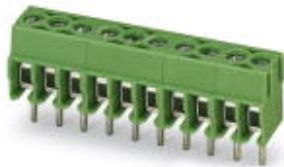


PCB terminal block - PT 1.5/ 5-3.5-H - 1984646

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PC terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 5, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-position version of the product

Product description

PC terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 5, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Why buy this product

- ☒ Large terminal block capacity thanks to rectangular clamping space
- ☒ 3.5 mm pitch
- ☒ Rugged version with high current carrying capacity
- ☒ Highly flexible conductor protection for easy, repeated connection
- ☒ Plus/minus screw



Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 523 (CC-2011)
GTIN	 4 017918 946197
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	2.28 GRM
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	7.6 mm
Height	9 mm
Pitch	3.5 mm
Dimension a	14 mm
Number of positions	5
Pin dimensions	0,9 mm

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Technical data

Dimensions / positions

Pin spacing	3.5 mm
Hole diameter	1.2 mm
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Range of articles	PT 1,5/..-H
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	5 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded 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.	0.75 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.34 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

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Classifications

eclass

eClass 4.0	272607xx
eClass 4.1	27141109
eClass 5.0	27141190
eClass 5.1	27141190
eClass 6.0	27261101

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

unspsc

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Certificates

Certification

UL Recognized / SEV / cUL Recognized / CCA / GOST / cULus Recognized

Certification EX

Certification submitted

Approval details

UL Recognized		
	B	D
mm ² /AWG/kcmil	26-16	26-16
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

SEV	
mm ² /AWG/kcmil	1.5
Nominal current I _N	10 A

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Approvals

Nominal voltage UN	160 V
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cUL Recognized		
	B	D
mm²/AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

CCA	
mm²/AWG/kcmil	1.5
Nominal current IN	10 A
Nominal voltage UN	160 V

GOST

cULus Recognized

Accessories

Accessories

Marking

Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073

Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive



Marker cards - SK 3,5/2,8:SO - 0805030

Marker cards, white, Mounting type: Adhesive, For terminal block width: 3.5 mm



Tools

PCB terminal block - PT 1.5/ 5-3.5-H - 1984646

Accessories

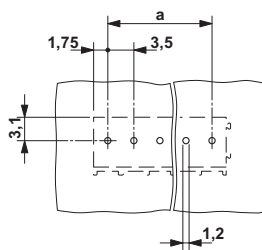
Screwdriver - SZS 0,4X2,5 VDE - 1205037

Screwdriver, bladed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

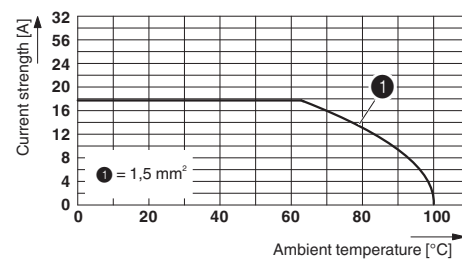


Drawings

Drilling diagram



Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing

