PCB terminal block - PT 1,5/ 9-3,5-H - 1984688

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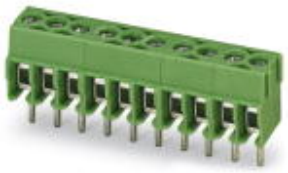
PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 9, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green



The figure shows a 10-position version of the product

Product Features

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

Key commercial data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	4.4 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	7.6 mm
Height	9 mm
Pitch	3.5 mm
Dimension a	28 mm
Pin dimensions	0,9 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

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Technical data

General

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 mm²
Maximum load current	17.5 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	9
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.34 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	0.5 mm²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

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Classifications

eCl@ss

eCl@ss 4.0	272607xx
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
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

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

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

GOST

GOST

cULus Recognized

Accessories

Accessories

Labeled terminal marker

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, For terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

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Accessories

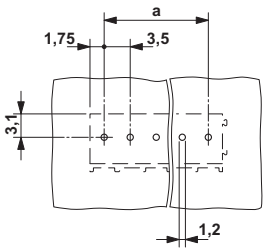
Screwdriver tools

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

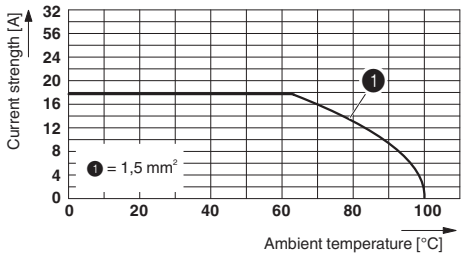
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing