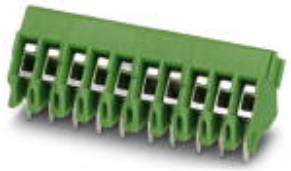
Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)



The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green

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

package_quantity	250
GTIN	4046356036948

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	3.5 mm
Pin dimensions	0,9 mm
Pin spacing	3.5 mm
Hole diameter	1.2 mm

General

Range of articles	PTA 1,5
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

Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

Technical data

General

Maximum load current	17.5 A (current values dependent on no. of pos., dimensioning of printed circuits, and ambient temperature)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	2
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.	0.14 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.	0.14 mm²
2 conductors with same cross section, solid max.	0.5 mm²
2 conductors with same cross section, stranded min.	0.14 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

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

Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

classifications

UNSPSC

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

approvals

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

Approval details

UL Recognized

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

cUL Recognized

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

GOST

cULus Recognized

Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

accessories

Screwdriver tools

SZS 0,4X2,5 VDE - 1205037



Labeled terminal marker

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



accessories

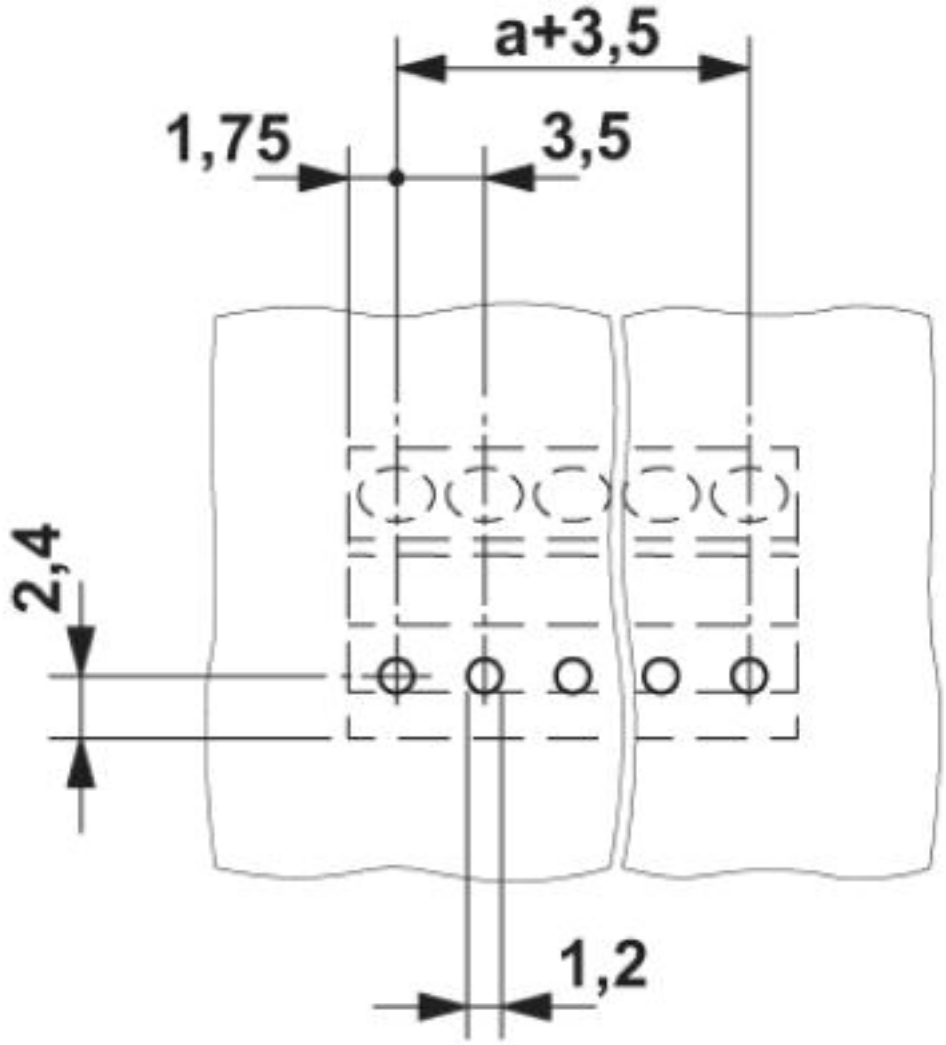
SK 3,5/2,8:SO - 0805030



Drawings

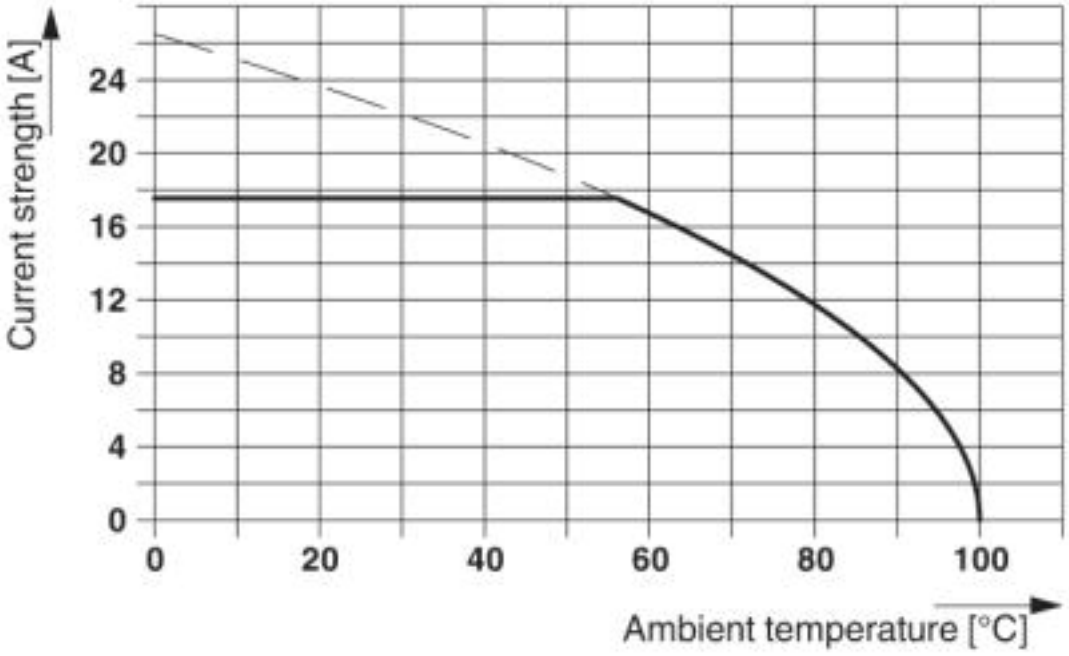
Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

Drilling diagram

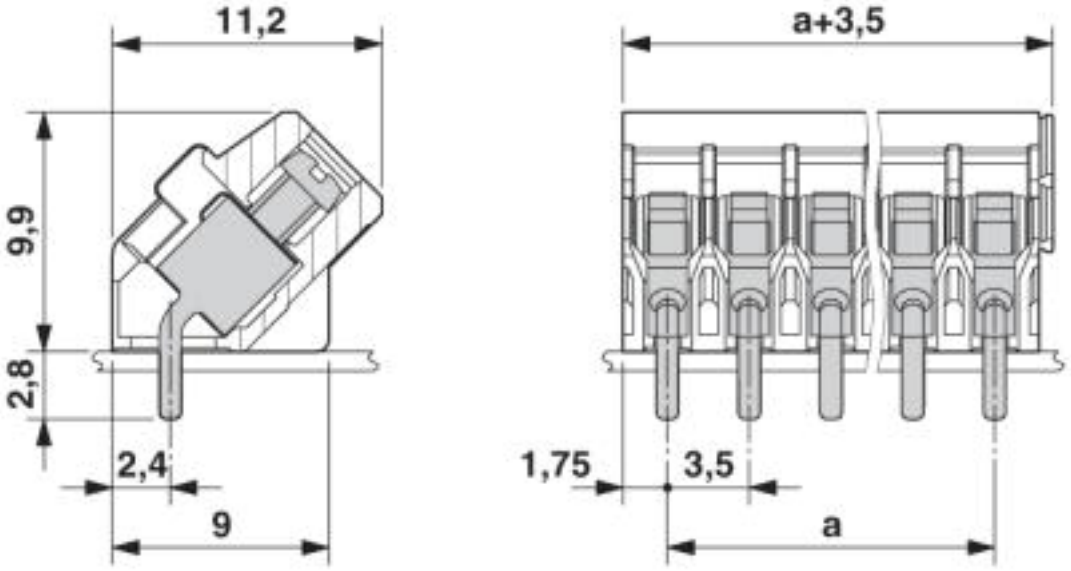


Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

Diagram

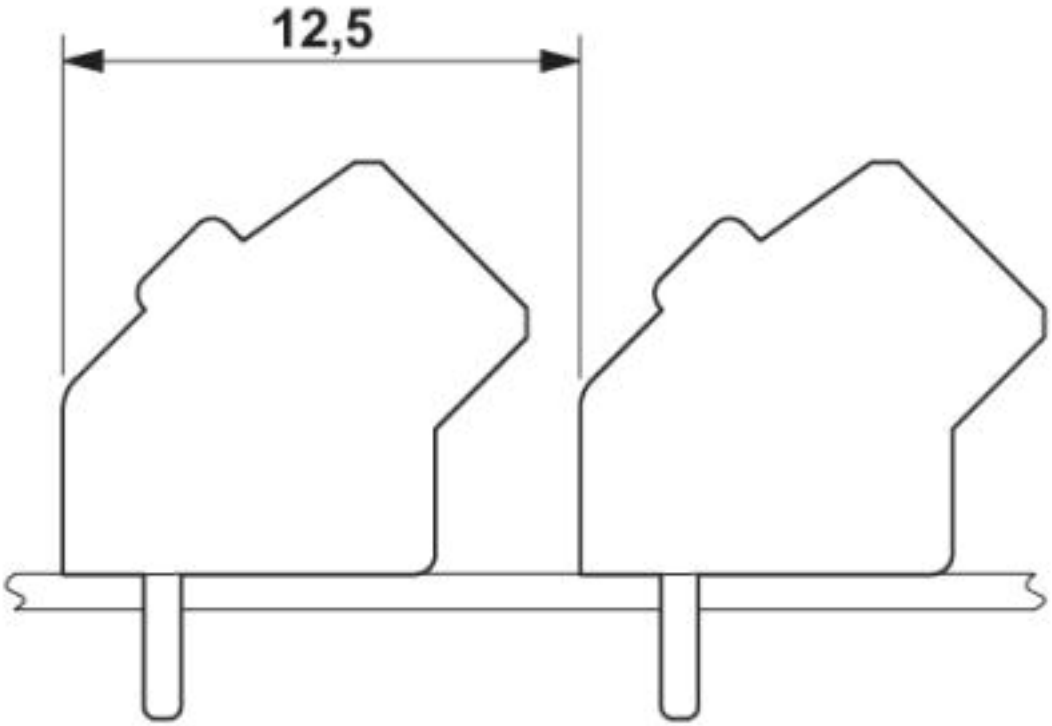


Dimensioned drawing



Screw compact terminal block - PTA 1,5/ 2-3,5 - 1988956

Dimensioned drawing



Minimum spacing when PTA 1,5/...-3,5 are aligned one after another

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com