

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

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>)



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

The figure shows a 10-position version of the product

Product Features

- ✓ Large terminal block capacity thanks to rectangular clamping space
- ✓ Monoblock design
- ✓ 5.0 mm pitch
- ✓ Plugs can be plugged in horizontally
- ✓ Plugs with a rugged and reliable contact system
- ✓ Tension sleeve principle or highly flexible conductor protection

Key commercial data

package_quantity	250
GTIN	4017918916633

Technical data

Dimensions

Length	14.9 mm
Height	11.3 mm
Pitch	5 mm
Dimension a	5 mm

General

Range of articles	PT 1,5/...-PVH
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	12 A
Nominal cross section	1.5 mm ²

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

Technical data

General

Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	5 mm
Number of positions	2
Screw thread	M2,6
Tightening torque, min	0.35 Nm
Tightening torque max	0.4 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.	26
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
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

classifications

eCl@ss

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	EC002638
ETIM 5.0	EC002638

UNSPSC

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

approvals

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

Approval details

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	26-12	26-12

SEV	
Nominal voltage UN	250 V
Nominal current IN	10 A
mm²/AWG/kcmil	2.5

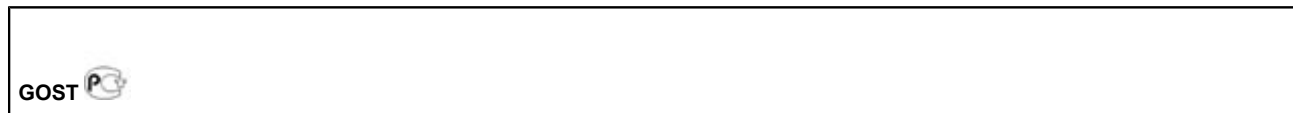
cUL Recognized 
--

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

approvals

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	26-12	26-12

CCA	
Nominal voltage UN	250 V
Nominal current IN	10 A
mm²/AWG/kcmil	2.5



accessories

Coding element

CP-PT 1,5 - 1985564



Screwdriver tools

SZS 0,6X3,5 - 1205053



PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

accessories

Labeled terminal marker

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



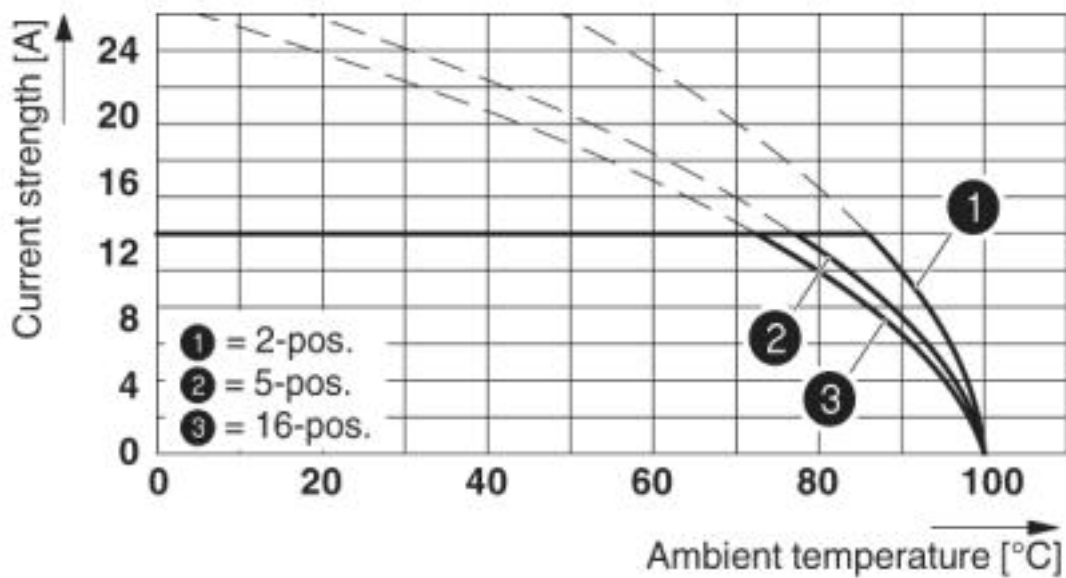
Printed circuit board housing

PST 1,3/ 2-5,0 - 1933189



Drawings

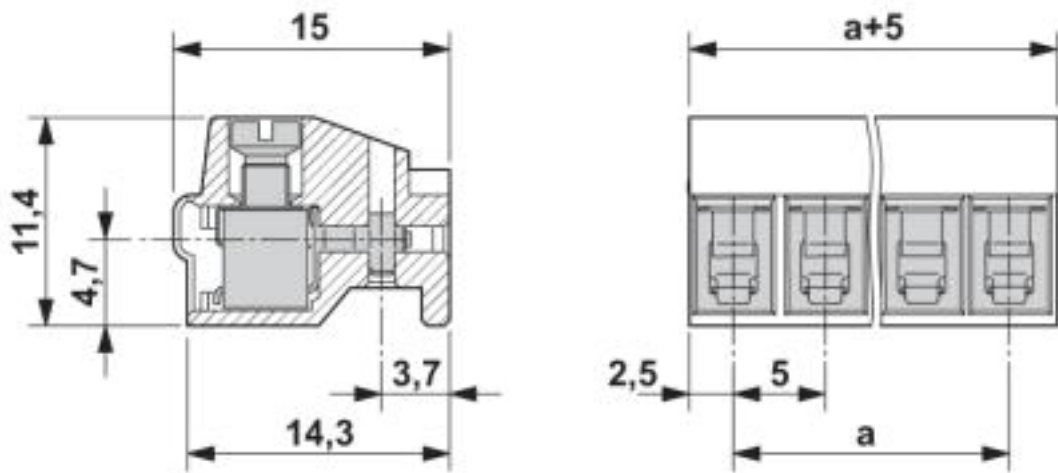
Diagram



Derating diagram for conductor cross section 2.5 mm²; reduction factor = 0.8

PCB terminal block - PT 1,5/ 2-PVH-5,0 - 1934861

Dimensioned drawing



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