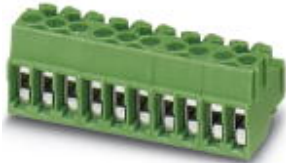


## PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

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: 8 A, Rated voltage (III/2): 200 V, Number of positions: 16, Pitch: 3.5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Product Features

- ✓ Plugs with two integrated plug-in directions are available, can be keyed on request
- ✓ Large terminal block capacity thanks to rectangular clamping space
- ✓ 3.5 mm and 5.0 mm pitch
- ✓ Plugs with a rugged and reliable contact system
- ✓ Highly flexible conductor protection for easy, repeated connection
- ✓ Plus/minus screw
- ✓ Coding option



### Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	11.47 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	14.6 mm
Height	11 mm
Pitch	3.5 mm
Dimension a	52.5 mm

#### General

# PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

## Technical data

### General

Range of articles	PT 1,5/...-PVH
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 $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	5 mm
Number of positions	16
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

### Connection data

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

## PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

### 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	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

#### Approvals

---

##### Approvals

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

---

##### Ex Approvals

---


##### Approvals submitted


---


##### Approval details


## PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

### Approvals

UL Recognized 		
	B	D
mm²/AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

GOST 		
--	--	--

GOST 		
--	--	--

cULus Recognized 		
--	--	--

### Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

Coding profile, is inserted into the hole in the plug, red insulating material



## PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

### 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

### Printed circuit board housing

Pin strip - PST 1,0/16-3,5 - 1945232



Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 16, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Assembly: Soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

### Screwdriver tools

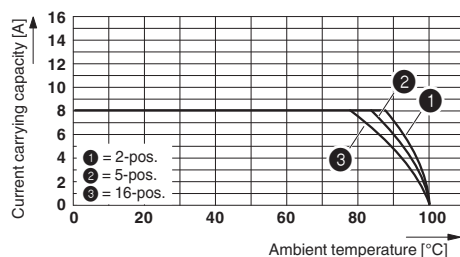
Screwdriver - SZS 0,4X2,5 VDE - 1205037



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

### Drawings

Diagram



Dimensioned drawing

