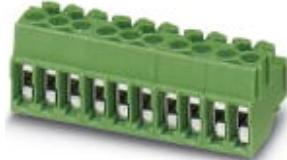


PCB terminal block - PT 1,5/16-PVH-3,5 - 1984154

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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 ²
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 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

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
mm ² /AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

cUL Recognized 		
	B	D
mm ² /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

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

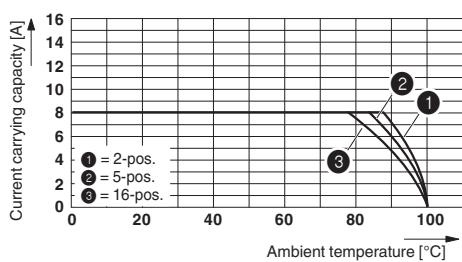
Screwdriver - Szs 0,4x2,5 VDE - 1205037



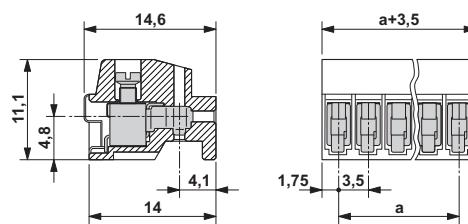
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Drawings

Diagram



Dimensioned drawing



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