PCB terminal block - PT 1,5/ 4-PVH-5,0 - 1934887

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The figure shows a 10-position version of the product

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Product Features

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

Key commercial data

package_quantity	250
GTIN	4017918916657

Technical data

Dimensions

Length	14.9 mm
Height	11.3 mm
Pitch	5 mm
Dimension a	15 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 mm²

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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	4
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 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve 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.	1.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm²
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

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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

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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

GOST

cULus Recognized

accessories

Coding element

CP-PT 1,5 - 1985564

Screwdriver tools

SZS 0,6X3,5 - 1205053

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accessories

Labeled terminal marker

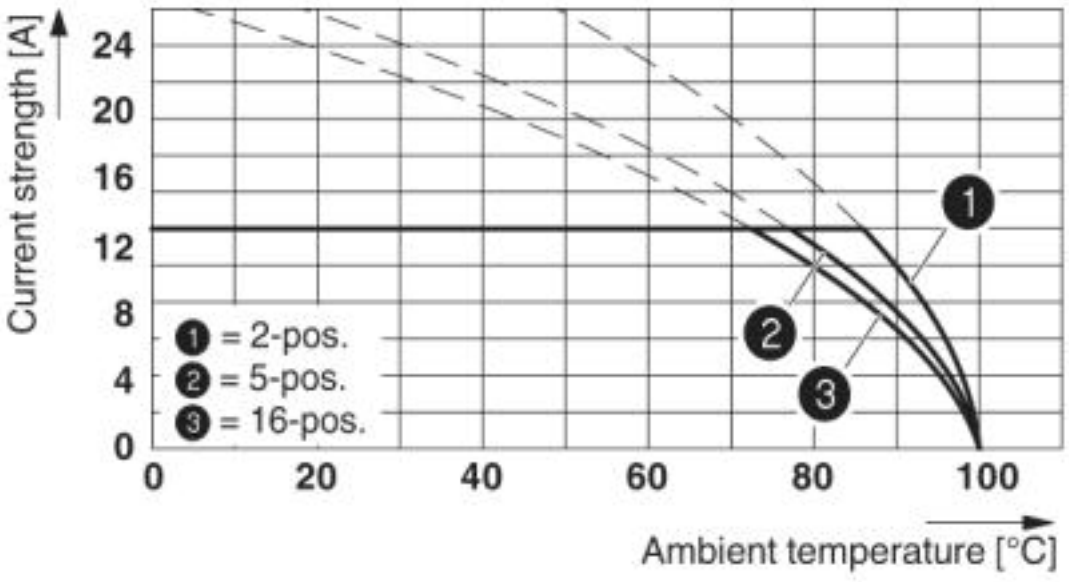
SK 5/3,8:FORTL.ZAHLEN - 0804183

Printed circuit board housing

PST 1,3/ 4-5,0 - 1933202

Drawings

Diagram



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

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Dimensioned drawing