

Plug - PT 1,5/ 2-PVH-5,0 - 1934861

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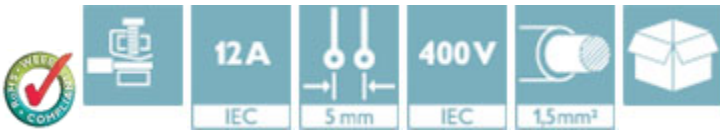
Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection with wire protector, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product Features

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- High terminal block capacity thanks to rectangular terminal block space
- Allows connection of two conductors
- Horizontal and vertical connection option for optimum conductor routing
- The latch on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
Weight per Piece (excluding packing)	2.48 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Length	14.9 mm
Height	11.3 mm
Width	10 mm
Pitch	5.00 mm
Dimension a	5 mm

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Technical data

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)	400 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
Maximum load current	12 A
Insulating material	PA
Flammability rating 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 flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG 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

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Connection data

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

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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	27440309
eCl@ss 9.0	27440309

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

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Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / EAC / SEV / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	15 A	10 A
Nominal voltage U _N	300 V	300 V

cUL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	15 A	10 A
Nominal voltage U _N	300 V	300 V

EAC

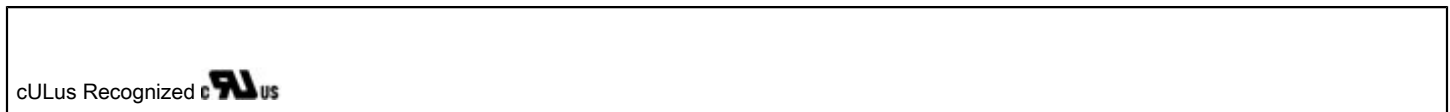
SEV	
mm ² /AWG/kcmil	2.5
Nominal current I _N	10 A
Nominal voltage U _N	250 V

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Approvals

CCA	
mm ² /AWG/kcmil	2.5
Nominal current I _N	10 A
Nominal voltage U _N	250 V

EAC



Accessories

Accessories

Coding element

Accessories - CP-PT 1,5 - 1985564

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



Labeled terminal marker

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



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Pin strip

Plug - PT 1,5/ 2-PVH-5,0 - 1934861

Accessories

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



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR 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 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Additional products

Pin strip - PST 1,3/ 2-LH-5,0 - 1704275



Header, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The pin strip is made of highly temperature-resistant plastic and is therefore suitable for the reflow process.

Pin strip - PST 1,3/ 2-LV-5,0 - 1704437



Header, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The pin strip is made of highly temperature-resistant plastic and is therefore suitable for the reflow process.

Pin strip - PST 1,3/ 2-5,0 R24 - 1720301



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR 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.

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Accessories

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



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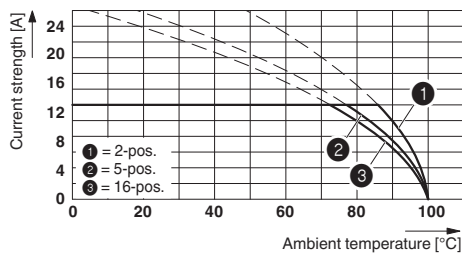
Pin strip - PST 1,3/ 2-H-5,0 - 1995635



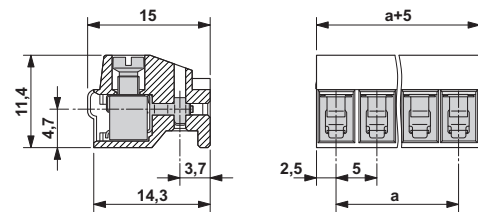
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Drawings

Diagram



Dimensional drawing



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

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