

COMBICON compact Screw Compact Terminal Blocks PT 1,5/... with a 3.5 mm Pitch

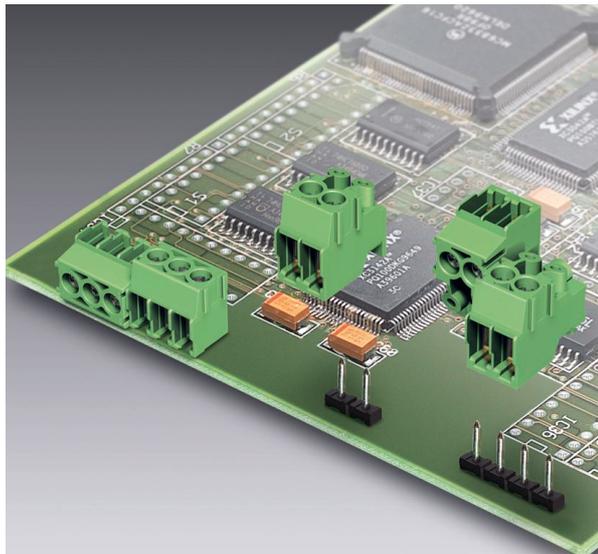
The PT series of terminal blocks has the proven screw connection and highly flexible conductor protection. The practical and compact outer dimensions and the generous clamping space make them particularly versatile.

The PT 1,5 with a pitch of 3.5 mm is available both as printed circuit terminal block and as pluggable version. The plugs of the PT 1,5 range can be plugged onto the reflow-solderable PST 1,0-3,5 pin strip which is also available.

The compact outer dimensions of the PT 1,5-PH-3,5 which can only be plugged in horizontally, make it possible to use a pluggable solution even when space is particularly critical.

The integrated two plug-in directions of the PT 1,5-PVH-3,5, on the other hand, offer maximum flexibility to the end user while reducing the costs for storage and handling by 50 %. If requested, the plug version can also be coded.

Individual labeling of all versions is naturally possible.



COMBICON Select

The COMBICON search engine with CAD downloading



COMBICON Select – the printed circuit board connection software supports your workflow from the PCB and housing layout to the ordering process with:

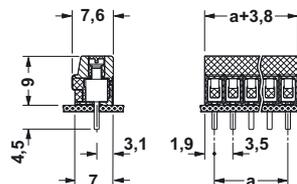
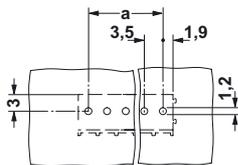
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**Printed Circuit
Screw Termination Blocks
PT 1,5/...-3,5-H
3.5 mm Pitch**



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green	2	3.5	PT 1,5/2-3,5-H	19 84 61 7	250
	3	7	PT 1,5/3-3,5-H	19 84 62 0	250
	4	10.5	PT 1,5/4-3,5-H	19 84 63 3	250
	5	14	PT 1,5/5-3,5-H	19 84 64 6	100
	6	17.5	PT 1,5/6-3,5-H	19 84 65 9	100
	7	21	PT 1,5/7-3,5-H	19 84 66 2	100
	8	24.5	PT 1,5/8-3,5-H	19 84 67 5	100
	9	28	PT 1,5/9-3,5-H	19 84 68 8	100
	10	31.5	PT 1,5/10-3,5-H	19 84 69 1	100
	11	35	PT 1,5/11-3,5-H	19 84 70 1	50
	12	38.5	PT 1,5/12-3,5-H	19 84 71 4	50
	13	42	PT 1,5/13-3,5-H	19 84 72 7	50
	14	45.5	PT 1,5/14-3,5-H	19 84 73 0	50
	15	49	PT 1,5/15-3,5-H	19 84 74 3	50
	16	52.5	PT 1,5/16-3,5-H	19 84 75 6	50
	(1) Screwdriver, blade: 0.4 x 2.5 x 80 mm, length: 180 mm			SZS 0,4 x 2,5	12 05 03 7
Technical data	see description				
Dimensions	3.5				
Pitch	[mm]	1.2			
Hole diameter	[mm]	0.9			
Pin dimensions	[mm]x[mm]				
Technical data in accordance with IEC / DIN VDE					
Insulating material group	-	I			
Surge voltage category / contamination class	-/-	III / 3	III / 2	II / 2	
Rated voltage	[V]	160	200	400	
Rated surge voltage	[kV]	2.5	2.5	2.5	
Nominal current / cross section	[A]/[mm ²]	10 / 1.5			
Maximum load current / cross section	[A]/[mm ²]	10 / 1.5			
Connection capacity					
Solid / stranded / conductor sizes	[mm ²]/[mm ²]/AWG	0.2 - 1.5 / 0.2 - 1.5 / 26 - 16			
Stranded with ferrule without / with plastic sleeve	[mm ²]	- / -			
Multiple connection (2 conductors with same cross section)					
Solid / stranded	[mm ²]	0.2 - 0.34 / 0.2 - 0.5			
Stranded with ferrules without plastic sleeve	[mm ²]	-			
Stranded with TWIN ferrule with plastic sleeve	[mm ²]	-			
Stripping length	[mm]	5			
Internal cylindrical gauge (IEC 60 947-1)	-	-			
Thread	-	M 2			
Torque	[Nm]	0.25			
Insulating material	PA				
Inflammability class acc. to UL 94	V0				
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes	UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	applied for applied for			



**Printed Circuit
Screw Termination Blocks
PT 1,5/...-3,5-V
3.5 mm Pitch**



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Printed circuit screw termination blocks with housing interlocking, 3.5 mm pitch, color: green	2	3.5	PT 1,5/2-3,5-V	19 84 76 9	250
	3	7	PT 1,5/3-3,5-V	19 84 77 2	250
	4	10.5	PT 1,5/4-3,5-V	19 84 78 5	250
	5	14	PT 1,5/5-3,5-V	19 84 79 8	100
	6	17.5	PT 1,5/6-3,5-V	19 84 80 8	100
	7	21	PT 1,5/7-3,5-V	19 84 81 1	100
	8	24.5	PT 1,5/8-3,5-V	19 84 82 4	100
	9	28	PT 1,5/9-3,5-V	19 84 83 7	100
	10	31.5	PT 1,5/10-3,5-V	19 84 84 0	100
	11	35	PT 1,5/11-3,5-V	19 84 85 3	50
	12	38.5	PT 1,5/12-3,5-V	19 84 86 6	50
	13	42	PT 1,5/13-3,5-V	19 84 87 9	50
	14	45.5	PT 1,5/14-3,5-V	19 84 88 2	50
	15	49	PT 1,5/15-3,5-V	19 84 89 5	50
	16	52.5	PT 1,5/16-3,5-V	19 84 90 5	50

(1) **Screwdriver,**
blade: 0.4 x 2.5 x 80 mm,
length: 180 mm



SZS 0,4 x 2,5	12 05 03 7	10
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Technical data

Dimensions	
Pitch	[mm]
Hole diameter	[mm]
Pin dimensions	[mm]x[mm]

Technical data in accordance with IEC / DIN VDE

Insulating material group	-
Surge voltage category / contamination class	-/-
Rated voltage	[V]
Rated surge voltage	[kV]
Nominal current / cross section	[A]/[mm ²]
Maximum load current / cross section	[A]/[mm ²]

Connection capacity

Solid / stranded / conductor sizes	[mm ²]/[mm ²]/AWG
Stranded with ferrule without / with plastic sleeve	[mm ²]

Multiple connection (2 conductors with same cross section)

Solid / stranded	[mm ²]
Stranded with ferrules without plastic sleeve	[mm ²]
Stranded with TWIN ferrule with plastic sleeve	[mm ²]

Stripping length [mm]

Internal cylindrical gauge (IEC 60 947-1) -

Thread -

Torque [Nm]

Insulating material

Inflammability class acc. to UL 94

Approval data (UL/CUL and CSA)

Nominal voltage / current / conductor sizes
UL/CUL: [V]/[A]/AWG
CSA: [V]/[A]/AWG

see description

3.5

1.2

0.9

I

III / 3

III / 2

II / 2

160

200

400

2.5

2.5

2.5

10 / 1.5

10 / 1.5

0.2 - 1.5 / 0.2 - 1.5 / 26 - 16

- / -

0.2 - 0.34 / 0.2 - 0.5

-

-

-

5

-

M 2

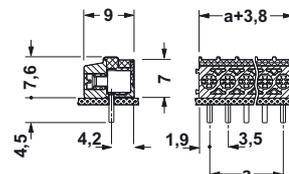
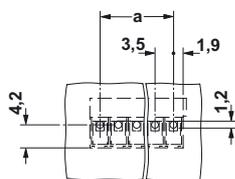
0.25

PA

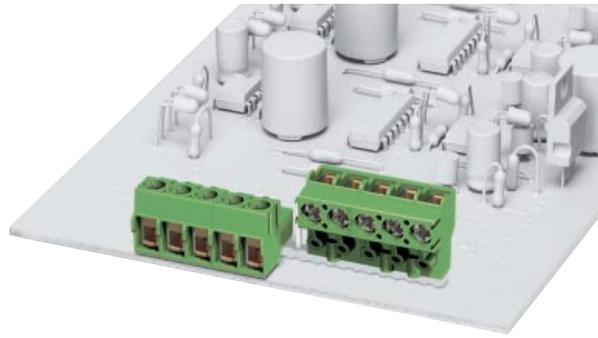
V0

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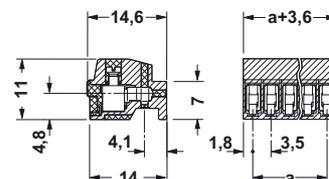
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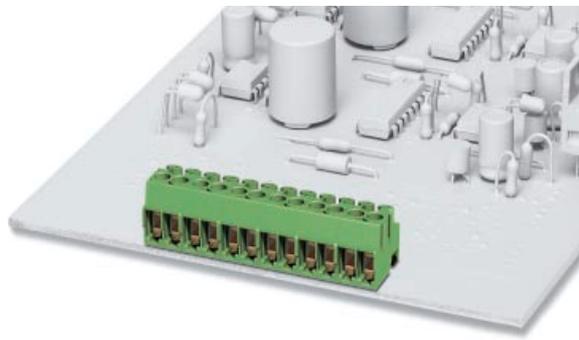
Pluggable Screw Termination Blocks PT 1,5/...-PVH-3,5 3.5 mm Pitch



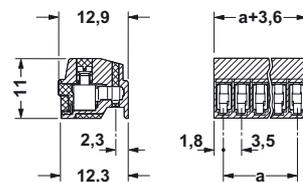
Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Pluggable screw termination blocks with housing interlocking, 3.5 mm pitch, color: green					
	2	3.5	PT 1,5/2-PVH-3,5	19 84 01 5	250
	3	7	PT 1,5/3-PVH-3,5	19 84 02 8	250
	4	10.5	PT 1,5/4-PVH-3,5	19 84 03 1	250
	5	14	PT 1,5/5-PVH-3,5	19 84 04 4	100
	6	17.5	PT 1,5/6-PVH-3,5	19 84 05 7	100
	7	21	PT 1,5/7-PVH-3,5	19 84 06 0	100
	8	24.5	PT 1,5/8-PVH-3,5	19 84 07 3	100
	9	28	PT 1,5/9-PVH-3,5	19 84 08 6	100
	10	31.5	PT 1,5/10-PVH-3,5	19 84 09 9	100
	11	35	PT 1,5/11-PVH-3,5	19 84 10 9	50
	12	38.5	PT 1,5/12-PVH-3,5	19 84 11 2	50
	13	42	PT 1,5/13-PVH-3,5	19 84 12 5	50
	14	45.5	PT 1,5/14-PVH-3,5	19 84 13 8	50
	15	49	PT 1,5/15-PVH-3,5	19 84 14 1	50
	16	52.5	PT 1,5/16-PVH-3,5	19 84 15 4	50
(1) Coding profile , is inserted into the hole on the plug, insulating material: red					
(2) Screwdriver , blade: 0.4 x 2.5 x 80 mm, length: 180 mm 					
Technical data					
Dimensions					
Pitch		[mm]	see description		
Hole diameter		[mm]	3.5		
Pin dimensions		[mm]x[mm]	dependent on the pin strip used		
Technical data in accordance with IEC / DIN VDE					
Insulating material group		-	I		
Surge voltage category / contamination class		-/-	III / 3	III / 2	II / 2
Rated voltage		[V]	160	200	400
Rated surge voltage		[kV]	2.5	2.5	2.5
Nominal current / cross section		[A]/[mm ²]	6 / 1.5		
Maximum load current / cross section		[A]/[mm ²]	6 / 1.5		
Connection capacity					
Solid / stranded / conductor sizes		[mm ²]/[mm ²]/AWG	0.2 - 1.5 / 0.2 - 1.5 / 26 - 16		
Stranded with ferrule without / with plastic sleeve		[mm ²]	- / -		
Multiple connection (2 conductors with same cross section)					
Solid / stranded		[mm ²]	0.2 - 0.34 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve		[mm ²]	-		
Stranded with TWIN ferrule with plastic sleeve		[mm ²]	-		
Stripping length		[mm]	5		
Internal cylindrical gauge (IEC 60 947-1)		-	-		
Thread		-	M 2		
Torque		[Nm]	0.25		
Insulating material					
Inflammability class acc. to UL 94		-	PA		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes		UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	applied for applied for		



Pluggable Screw Termination Blocks PT 1,5/...-PH-3,5 3.5 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Pluggable screw termination blocks with housing interlocking, 3.5 mm pitch, color: green					
	2	3.5	PT 1,5/2-PH-3,5	19 84 31 6	250
	3	7	PT 1,5/3-PH-3,5	19 84 32 9	250
	4	10.5	PT 1,5/4-PH-3,5	19 84 33 2	250
	5	14	PT 1,5/5-PH-3,5	19 84 34 5	100
	6	17.5	PT 1,5/6-PH-3,5	19 84 35 8	100
	7	21	PT 1,5/7-PH-3,5	19 84 36 1	100
	8	24.5	PT 1,5/8-PH-3,5	19 84 37 4	100
	9	28	PT 1,5/9-PH-3,5	19 84 38 7	100
	10	31.5	PT 1,5/10-PH-3,5	19 84 39 0	100
	11	35	PT 1,5/11-PH-3,5	19 84 40 0	50
	12	38.5	PT 1,5/12-PH-3,5	19 84 41 3	50
	13	42	PT 1,5/13-PH-3,5	19 84 42 6	50
	14	45.5	PT 1,5/14-PH-3,5	19 84 43 9	50
	15	49	PT 1,5/15-PH-3,5	19 84 44 2	50
	16	52.5	PT 1,5/16-PH-3,5	19 84 45 5	50
(1) Screwdriver, blade: 0.4 x 2.5 x 80 mm, length: 180 mm			SZS 0,4 x 2,5	12 05 03 7	10
Technical data			see description		
Dimensions			3.5		
Pitch	[mm]		dependent on the pin strip used		
Hole diameter	[mm]		dependent on the pin strip used		
Pin dimensions	[mm]x[mm]				
Technical data in accordance with IEC / DIN VDE					
Insulating material group	-		I		
Surge voltage category / contamination class	-/-		III / 3	III / 2	II / 2
Rated voltage	[V]		160	200	400
Rated surge voltage	[kV]		2.5	2.5	2.5
Nominal current / cross section	[A]/[mm²]		6 / 1.5		
Maximum load current / cross section	[A]/[mm²]		6 / 1.5		
Connection capacity					
Solid / stranded / conductor sizes	[mm²]/[mm²]/AWG		0.2 - 1.5 / 0.2 - 1.5 / 26 - 16		
Stranded with ferrule without / with plastic sleeve	[mm²]		- / -		
Multiple connection (2 conductors with same cross section)					
Solid / stranded	[mm²]		0.2 - 0.34 / 0.2 - 0.5		
Stranded with ferrules without plastic sleeve	[mm²]		-		
Stranded with TWIN ferrule with plastic sleeve	[mm²]		-		
Stripping length	[mm]		5		
Internal cylindrical gauge (IEC 60 947-1)	-		-		
Thread	-		M 2		
Torque	[Nm]		0.25		
Insulation material			PA		
Inflammability class acc. to UL 94			V0		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes	UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG		applied for applied for		



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