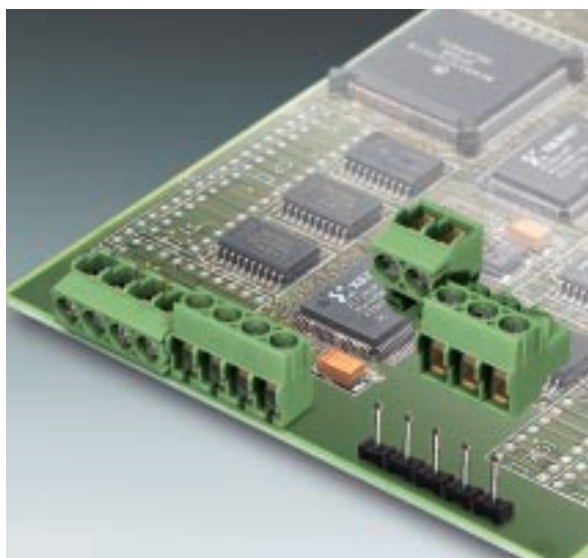


COMBICON compact Screw Compact Terminal Blocks PT(A) 1,5/... with a 5.0 mm Pitch

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

With the 3.5 mm pitch, the PT 1,5 is not only available as a PCB terminal block but also as plug-in version. The plugs of the PT 1,5 family can be coded if desired and can be plugged on the PST 1,3-5,0 pin strip which is also available and reflow-solderable. The two integrated plug-in directions offer maximum flexibility for the end user and reduce inventory and handling by 50 %.

Customized labeling of all versions is possible.



COMBICON Select

The COMBICON search engine with CAD downloading

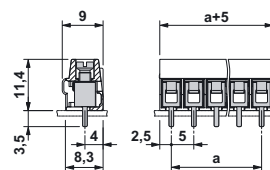
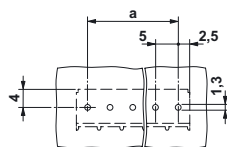


COMBICON Select – the printed circuit board connection software supports your workflow from the PCB and housing layout to the ordering process with:

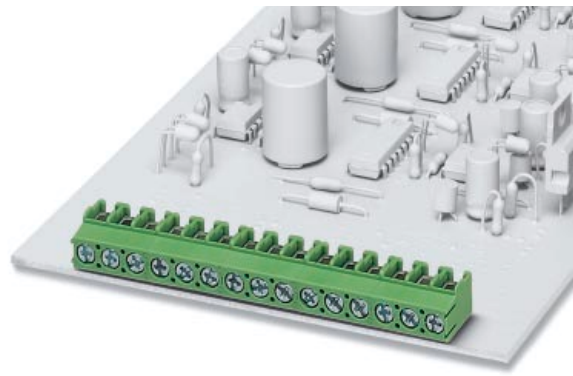
- Systematic and fast selection of products
- Universal Internet aided engineering with extensive CAD downloading
- Easy-to-use e-shopping functions.

<http://select.phoenixcontact.com>

¹⁾ When using ferrules, 250 V can only be achieved in connection with surge voltage category / contamination class II / 2.

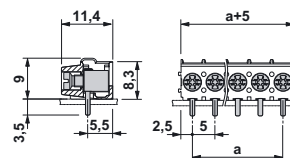
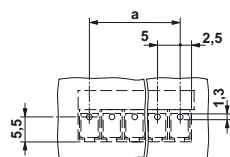


Printed Circuit Screw Termination Blocks PT 1,5/...-5,0-V 5.0 mm Pitch

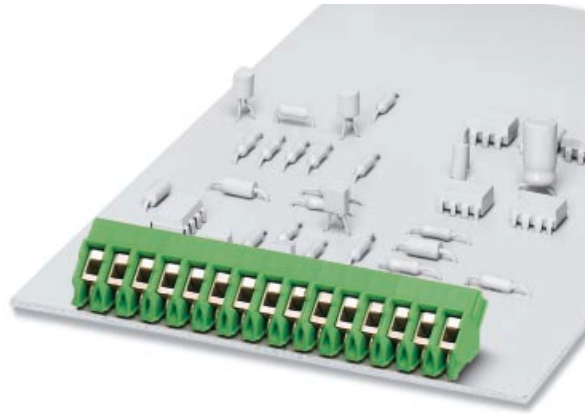


Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.	
Printed circuit screw termination blocks with housing interlocking, 5 mm pitch, color: green						
	2	5	PT 1,5/2-5,0-V	19 35 31 0	250	
	3	10	PT 1,5/3-5,0-V	19 35 32 3	250	
	4	15	PT 1,5/4-5,0-V	19 35 33 6	250	
	5	20	PT 1,5/5-5,0-V	19 35 34 9	100	
	6	25	PT 1,5/6-5,0-V	19 35 35 2	100	
	7	30	PT 1,5/7-5,0-V	19 35 36 5	100	
	8	35	PT 1,5/8-5,0-V	19 35 37 8	100	
	9	40	PT 1,5/9-5,0-V	19 35 38 1	100	
	10	45	PT 1,5/10-5,0-V	19 35 39 4	100	
	11	50	PT 1,5/11-5,0-V	19 35 40 4	50	
	12	55	PT 1,5/12-5,0-V	19 35 41 7	50	
	13	60	PT 1,5/13-5,0-V	19 35 42 0	50	
	14	65	PT 1,5/14-5,0-V	19 35 43 3	50	
	15	70	PT 1,5/15-5,0-V	19 35 44 6	50	
	16	75	PT 1,5/16-5,0-V	19 35 45 9	50	
(1) Screwdriver,				SZS 0,6 x 3,5 SZK PH 0	12 05 05 3 12 05 14 7	10 10
Technical data						
Dimensions			see description			
Pitch			5.0			
Hole diameter			1.3			
Pin dimensions			1.0			
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			250 320 630			
Rated surge voltage			4 4 4			
Nominal current / cross section			17.5 / 1.5			
Maximum load current / cross section			20 / 2.5			
Connection capacity						
Solid / stranded / conductor sizes			0.2 - 2.5 / 0.2 - 2.5 / 26 - 14			
Stranded with ferrule without / with plastic sleeve			0.25 - 1.5 / 0.25 - 1.5 ¹⁾			
Multiple connection (2 conductors with same cross section)						
Solid / stranded			0.2 - 0.75 / 0.2 - 0.75			
Stranded with ferrule without plastic sleeve			0.25 - 0.34 ¹⁾			
Stranded with TWIN ferrule with plastic sleeve			0.5 - 0.75 ¹⁾			
Stripping length			5			
Internal cylindrical gauge (IEC 60 947-1)			A 1 / B 1			
Thread			M 2.6			
Torque			0.4			
Insulating material			PA			
Inflammability class in acc. with UL 94			V0			
Approval data (UL/CUL and CSA)						
Nominal voltage / current / conductor sizes			300 / 15 / 26 - 12			
			—			
UL/CUL: [V]/[A]/AWG						
CSA: [V]/[A]/AWG						

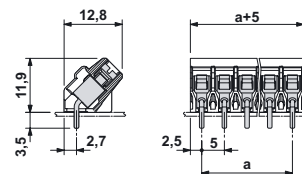
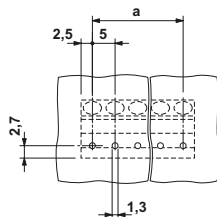
¹⁾ When using ferrules, 250 V can only be achieved in connection with surge voltage category / contamination class II / 2.



Printed Circuit Screw Termination Blocks PTA 1,5/...-5,0 5.0 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Printed circuit screw termination blocks with housing interlocking, 5 mm pitch, color: green, 45° schräge Anschlussrichtung	2	5	PTA 1,5/2-5,0	19 88 80 4	250
	3	10	PTA 1,5/3-5,0	19 88 81 7	250
	4	15	PTA 1,5/4-5,0	19 88 82 0	250
	5	20	PTA 1,5/5-5,0	19 88 83 3	100
	6	25	PTA 1,5/6-5,0	19 88 84 6	100
	7	30	PTA 1,5/7-5,0	19 88 85 9	100
	8	35	PTA 1,5/8-5,0	19 88 86 2	100
	9	40	PTA 1,5/9-5,0	19 88 87 5	100
	10	45	PTA 1,5/10-5,0	19 88 88 8	100
	11	50	PTA 1,5/11-5,0	19 88 89 1	50
	12	55	PTA 1,5/12-5,0	19 88 90 1	50
	13	60	PTA 1,5/13-5,0	19 88 91 4	50
	14	65	PTA 1,5/14-5,0	19 88 92 7	50
	15	70	PTA 1,5/15-5,0	19 88 93 0	50
	16	75	PTA 1,5/16-5,0	19 88 94 3	50
(1) Screwdriver,			SZS 0,6 x 3,5 SZK PH 0	12 05 05 3 12 05 14 7	10 10
Technical data					
Dimensions					
Pitch		[mm]	5.0		
Hole diameter		[mm]	1.3		
Pin dimensions		[mm]x[mm]	1.0		
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]	250	320	630
Rated surge voltage		[kV]	4	4	4
Nominal current / cross section		[A]/[mm²]	17.5 / 1.5		
Maximum load current / cross section		[A]/[mm²]	20 / 2.5		
Connection capacity					
Solid / stranded / conductor sizes		[mm²]/[mm²]/AWG	0.2 - 2.5 / 0.2 - 2.5 / 26 - 14		
Stranded with ferrule without / with plastic sleeve		[mm²]	0.25 - 1.5 / 0.25 - 1.5¹)		
Multiple connection (2 conductors with same cross section)					
Solid / stranded		[mm²]	0.2 - 0.75 / 0.2 - 0.75		
Stranded with ferrule without plastic sleeve		[mm²]	0.25 - 0.34¹)		
Stranded with TWIN ferrule with plastic sleeve		[mm²]	0.5 - 0.75¹)		
Stripping length		[mm]	5		
Internal cylindrical gauge (IEC 60 947-1)		—	A 1 / B 1		
Thread		—	M 2.6		
Torque		[Nm]	0.4		
Insulating material			PA		
Inflammability class in acc. with UL 94			V0		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes		UL/CUL: [V]/[A]/AWG	—		
		CSA: [V]/[A]/AWG	—		



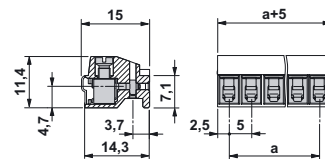
¹⁾ When using ferrules, 250 V can only be achieved in connection with surge voltage category / contamination class II / 2.

Pluggable Screw Termination Blocks PT 1,5/...-PVH-5,0 5.0 mm Pitch

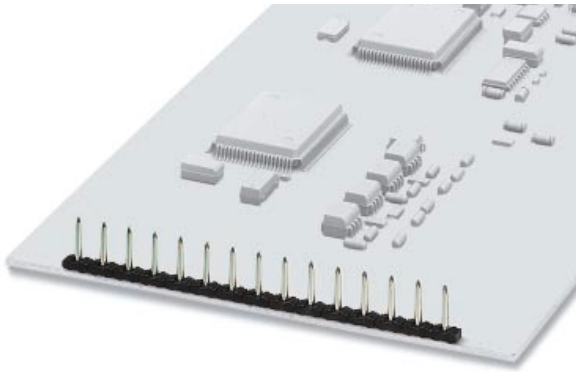


Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Printed circuit screw termination blocks with housing interlocking, 5 mm pitch, color: green					
	2	5	PT 1,5/2-PVH-5,0	19 34 86 1	250
	3	10	PT 1,5/3-PVH-5,0	19 34 87 4	250
	4	15	PT 1,5/4-PVH-5,0	19 34 88 7	250
	5	20	PT 1,5/5-PVH-5,0	19 34 89 0	100
	6	25	PT 1,5/6-PVH-5,0	19 34 90 0	100
	7	30	PT 1,5/7-PVH-5,0	19 34 91 3	100
	8	35	PT 1,5/8-PVH-5,0	19 34 92 6	100
	9	40	PT 1,5/9-PVH-5,0	19 34 93 9	100
	10	45	PT 1,5/10-PVH-5,0	19 34 94 2	100
	11	50	PT 1,5/11-PVH-5,0	19 34 95 5	50
	12	55	PT 1,5/12-PVH-5,0	19 34 96 8	50
	13	60	PT 1,5/13-PVH-5,0	19 34 97 1	50
	14	65	PT 1,5/14-PVH-5,0	19 34 98 4	50
	15	70	PT 1,5/15-PVH-5,0	19 34 99 7	50
	16	75	PT 1,5/16-PVH-5,0	19 35 00 6	50
(1) Coding profile , is inserted into the hole on the plug, insulating material: red					
(2) Screwdriver ,					
Technical data					
Dimensions				see description	
Pitch			[mm]	5.0	
Hole diameter			[mm]	dependent on the pin strip used	
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]	250 320 630	
Rated surge voltage			[kV]	4 4 4	
Nominal current / cross section			[A]/[mm²]	12 / 1.5	
Maximum load current / cross section			[A]/[mm²]	12 / 2.5	
Connection capacity					
Solid / stranded / conductor sizes			[mm²]/[mm²]/AWG	0.2 - 2.5 / 0.2 - 2.5 / 26 - 14	
Stranded with ferrule without / with plastic sleeve			[mm²]	0.25 - 1.5 / 0.25 - 1.5¹)	
Multiple connection (2 conductors with same cross section)					
Solid / stranded			[mm²]	0.2 - 0.75 / 0.2 - 0.75	
Stranded with ferrule without plastic sleeve			[mm²]	0.25 - 0.34¹)	
Stranded with TWIN ferrule with plastic sleeve			[mm²]	0.5 - 0.75¹)	
Stripping length			[mm]	5	
Internal cylindrical gauge (IEC 60 947-1)			—	A 1 / B 1	
Thread			—	M 2.6	
Torque			[Nm]	0.4	
Insulating material				PA	
Inflammability class in acc. with UL 94				V0	
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes			UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	300 / 15 / 26 - 12 —	

¹⁾ When using ferrules, 250 V can only be achieved in connection with surge voltage category / contamination class II / 2.



Pin Strips
PST 1,3/...-5,0
5.0 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
Pin strip, 5 mm pitch, color: black	2	5	PST 1,3/2-5,0	19 33 18 9	50
	3	10	PST 1,3/3-5,0	19 33 19 2	
	4	15	PST 1,3/4-5,0	19 33 20 2	
	5	20	PST 1,3/5-5,0	19 33 21 5	
	6	25	PST 1,3/6-5,0	19 33 22 8	
	7	30	PST 1,3/7-5,0	19 33 23 1	
	8	35	PST 1,3/8-5,0	19 33 24 4	
	9	40	PST 1,3/9-5,0	19 33 25 7	
	10	45	PST 1,3/10-5,0	19 33 26 0	
	11	50	PST 1,3/11-5,0	19 33 27 3	
	12	55	PST 1,3/12-5,0	19 33 28 6	
	13	60	PST 1,3/13-5,0	19 33 29 9	
	14	65	PST 1,3/14-5,0	19 33 30 9	
	15	70	PST 1,3/15-5,0	19 33 31 2	
	16	75	PST 1,3/16-5,0	19 33 32 5	
	Technical data				
Dimensions			see description		
Pitch		[mm]		5.0	
Hole diameter		[mm]		1.5	
Pin dimensions		[mm]x[mm]		ø 1.3	
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]	250	320	320
Rated surge voltage		[kV]	4	4	4
Nominal current / cross section		[A]/[mm²]		12 ¹⁾ / —	
Maximum load current / cross section		[A]/[mm²]		12 ¹⁾ / —	
Insulating material				PA	
Inflammability class in acc. with UL 94				V0	
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes	UL/CUL:	[V]/[A]/AWG		300 / 16 / —	
	CSA:	[V]/[A]/AWG		—	

¹) The maximum value depends on the plug used. The lower value of the two for plug and pin strip is the deciding factor.

