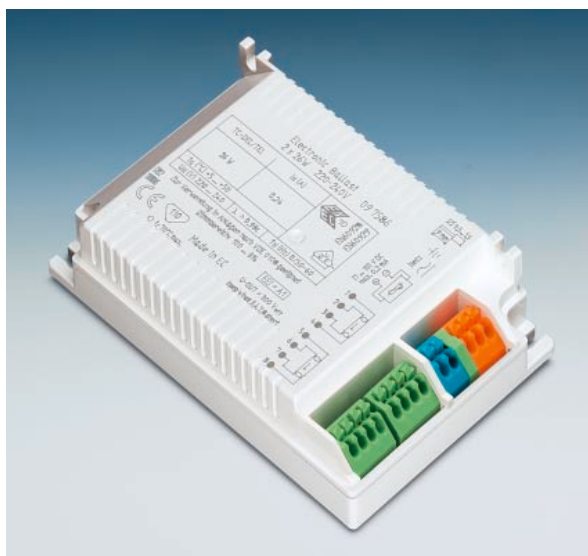


COMBICON compact; Spring-Cage PCB Termination Blocks PTSA 0,5/... with a 2.5 mm Pitch PTSA 1,5/... with a 3.5 mm Pitch

The PTSA spring-cage PCB terminal block range is characterized by an easy-to-operate angled spring-cage connection.

It clamps solid and stranded conductors up to 0.5 or 1.5 mm² with the pitches 2.5 and 3.5 mm. Due to the small pitches and the compact outer dimensions, this range is particularly suitable for applications in which space is critical. Typical applications include in particular lighting engineering and telecommunications. The PTSA range can be supplied as a termination block either with solder pins arranged in a row at the front, or with offset solder pins

Z pinning serves to increase the voltage values up to 400 V or 630 V. Pitch spacers and different color versions make it easy to put together customized termination blocks. It is possible to intermix the pitches. Individual labeling of these products 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:

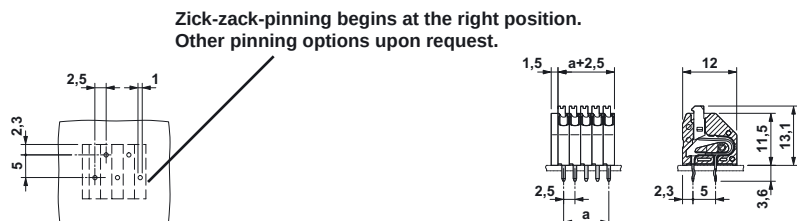
- Systematic and fast selection of products
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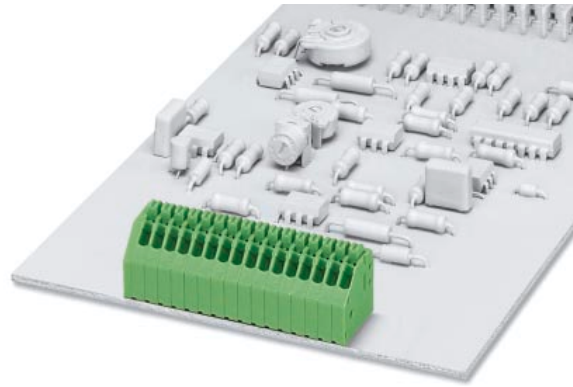
PCB Termination Blocks PTSA 0,5/...-2,5-Z 2.5 mm Pitch



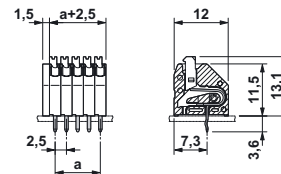
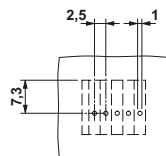
Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, offset pins, 2.5 mm pitch, color: green					
	2	2.5	PTSA 0,5/2-2,5-Z	19 90 00 9	250
	3	5	PTSA 0,5/3-2,5-Z	19 90 01 2	250
	4	7.5	PTSA 0,5/4-2,5-Z	19 90 02 5	250
	5	10	PTSA 0,5/5-2,5-Z	19 90 03 8	100
	6	12.5	PTSA 0,5/6-2,5-Z	19 90 04 1	100
	7	15	PTSA 0,5/7-2,5-Z	19 90 05 4	100
	8	17.5	PTSA 0,5/8-2,5-Z	19 90 06 7	100
	9	20	PTSA 0,5/9-2,5-Z	19 90 07 0	100
	10	22.5	PTSA 0,5/10-2,5-Z	19 90 08 3	100
	11	25	PTSA 0,5/11-2,5-Z	19 90 09 6	50
	12	27.5	PTSA 0,5/12-2,5-Z	19 90 10 6	50
	13	30	PTSA 0,5/13-2,5-Z	19 90 11 9	50
	14	32.5	PTSA 0,5/14-2,5-Z	19 90 12 2	50
	15	35	PTSA 0,5/15-2,5-Z	19 90 13 5	50
	16	37.5	PTSA 0,5/16-2,5-Z	19 90 14 8	50
	17	40	PTSA 0,5/17-2,5-Z	19 90 15 1	50
	18	42.5	PTSA 0,5/18-2,5-Z	19 90 16 4	50
	19	45	PTSA 0,5/19-2,5-Z	19 90 17 7	50
	20	47.5	PTSA 0,5/20-2,5-Z	19 90 18 0	50
	21	50	PTSA 0,5/21-2,5-Z	19 90 19 3	50
	22	52.5	PTSA 0,5/22-2,5-Z	19 90 20 3	50
	23	55	PTSA 0,5/23-2,5-Z	19 90 22 9	50
	24	57.5	PTSA 0,5/24-2,5-Z	19 90 23 2	50
Technical data					
Dimensions					
Pitch		[mm]	see description		
Hole diameter		[mm]	2.5		
Pin dimensions		[mm]x[mm]	1		
			0.4 x 0.75		
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	250	400
Rated surge voltage		[kV]	2.5	2.5	2.5
Nominal current / cross section		[A]/[mm²]	2 / 0.5		
Maximum load current / cross section		[A]/[mm²]	2 / 0.5		
Connection capacity					
Solid / stranded / conductor sizes		[mm²]/[mm²]/AWG	0.14 - 0.5 / 0.2 - 0.5 / 24 - 20		
Stranded with ferrule without / with plastic sleeve		[mm²]	—		
Stripping length					
		[mm]	8		
Insulating material					
			PA		
			V0		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes		UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	—		
			—		



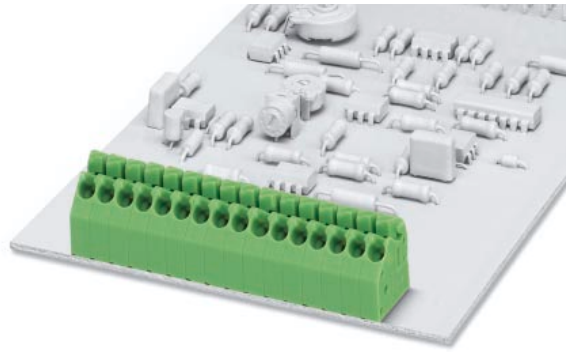
PCB Termination Blocks PTSA 0,5/...-2,5-F 2.5 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, pins at the front, 2.5 mm pitch, color: green					
	2	2.5	PTSA 0,5/2-2,5-F	19 89 74 8	250
	3	5	PTSA 0,5/3-2,5-F	19 89 75 1	250
	4	7.5	PTSA 0,5/4-2,5-F	19 89 76 4	250
	5	10	PTSA 0,5/5-2,5-F	19 89 77 7	100
	6	12.5	PTSA 0,5/6-2,5-F	19 89 78 0	100
	7	15	PTSA 0,5/7-2,5-F	19 89 79 3	100
	8	17.5	PTSA 0,5/8-2,5-F	19 89 80 3	100
	9	20	PTSA 0,5/9-2,5-F	19 89 81 6	100
	10	22.5	PTSA 0,5/10-2,5-F	19 89 82 9	100
	11	25	PTSA 0,5/11-2,5-F	19 89 83 2	50
	12	27.5	PTSA 0,5/12-2,5-F	19 89 84 5	50
	13	30	PTSA 0,5/13-2,5-F	19 89 85 8	50
	14	32.5	PTSA 0,5/14-2,5-F	19 89 86 1	50
	15	35	PTSA 0,5/15-2,5-F	19 89 87 4	50
	16	37.5	PTSA 0,5/16-2,5-F	19 89 88 7	50
	17	40	PTSA 0,5/17-2,5-F	19 89 89 0	50
	18	42.5	PTSA 0,5/18-2,5-F	19 89 90 0	50
	19	45	PTSA 0,5/19-2,5-F	19 89 91 3	50
	20	47.5	PTSA 0,5/20-2,5-F	19 89 92 6	50
	21	50	PTSA 0,5/21-2,5-F	19 89 93 9	50
	22	52.5	PTSA 0,5/22-2,5-F	19 89 94 2	50
	23	55	PTSA 0,5/23-2,5-F	19 89 95 5	50
	24	57.5	PTSA 0,5/24-2,5-F	19 89 99 7	50
Technical data					
Dimensions					
Pitch		[mm]	see description		
Hole diameter		[mm]	2.5		
Pin dimensions		[mm]x[mm]	1		
0.4 x 0.75					
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]	63	250	250
Rated surge voltage		[kV]	2.5	2.5	2.5
Nominal current / cross section		[A]/[mm²]		2 / 0.5	
Maximum load current / cross section		[A]/[mm²]		2 / 0.5	
Connection capacity					
Solid / stranded / conductor sizes		[mm²]/[mm²]/AWG	0.14 - 0.5 / 0.2 - 0.5 / 24 - 20		
Stranded with ferrule without / with plastic sleeve		[mm²]	—		
Stripping length					
[mm]					
Insulating material					
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	—		



PCB Termination Blocks PTSA 1,5/...-3,5-Z 3.5 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, offset pins, 3.5 mm pitch, color: green					
	2	3.5	PTSA 1,5/2-3,5-Z	19 85 19 5	250
	3	7	PTSA 1,5/3-3,5-Z	19 85 20 5	250
	4	10.5	PTSA 1,5/4-3,5-Z	19 85 21 8	250
	5	14	PTSA 1,5/5-3,5-Z	19 85 22 1	100
	6	17.5	PTSA 1,5/6-3,5-Z	19 85 23 4	100
	7	21	PTSA 1,5/7-3,5-Z	19 85 24 7	100
	8	24.5	PTSA 1,5/8-3,5-Z	19 85 25 0	100
	9	28	PTSA 1,5/9-3,5-Z	19 85 26 3	100
	10	31.5	PTSA 1,5/10-3,5-Z	19 85 27 6	100
	11	35	PTSA 1,5/11-3,5-Z	19 85 28 9	50
	12	38.5	PTSA 1,5/12-3,5-Z	19 85 29 2	50
	13	42	PTSA 1,5/13-3,5-Z	19 85 30 2	50
	14	45.5	PTSA 1,5/14-3,5-Z	19 85 31 5	50
	15	49	PTSA 1,5/15-3,5-Z	19 85 32 8	50
	16	52.5	PTSA 1,5/16-3,5-Z	19 85 33 1	50
	17	56	PTSA 1,5/17-3,5-Z	19 85 34 4	50
	18	59.5	PTSA 1,5/18-3,5-Z	19 85 35 7	50
	19	63	PTSA 1,5/19-3,5-Z	19 85 36 0	50
	20	66.5	PTSA 1,5/20-3,5-Z	19 85 37 3	50
	21	70	PTSA 1,5/21-3,5-Z	19 85 38 6	50
	22	73.5	PTSA 1,5/22-3,5-Z	19 85 39 9	50
	23	77	PTSA 1,5/23-3,5-Z	19 85 40 2	50
	24	80.5	PTSA 1,5/24-3,5-Z	19 85 41 5	50

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]/[mm²]
Maximum load current / cross section	[A]/[mm²]

Connection capacity

Solid / stranded / conductor sizes	[mm²]/[mm²]/AWG
Stranded with ferrule without / with plastic sleeve	[mm²]

Stripping length

Insulating material

Inflammability class in acc. with 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

0.4 x 0.,75

III / 3

250

4

I

III / 2

400

4

2 / 1.5

2 / 1.5

II / 2

630

4

0.5 - 1.5 / 0.5 - 1.5 / 20 - 16

0.5 - 1.0 / 0.5

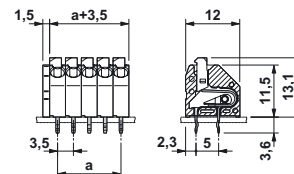
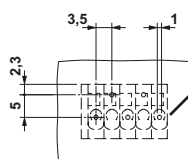
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PA

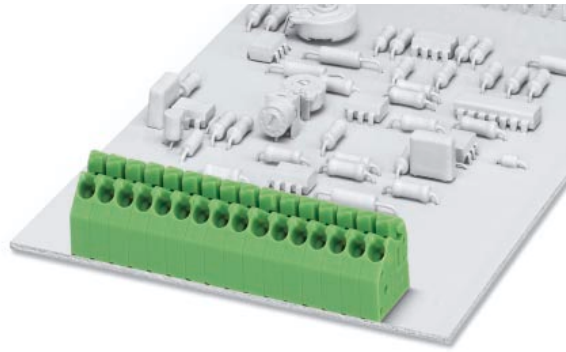
V2

300 / 2 / 24 - 16

Zick-zack-pinning begins at the right position.
Other pinning options upon request.



PCB Termination Blocks PTSA 1,5/...-3,5-F 3.5 mm Pitch



Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, pins at the front, 3.5 mm pitch, color: green					
	2	3.5	PTSA 1,5/2-3,5-F	19 84 96 3	250
	3	7	PTSA 1,5/3-3,5-F	19 94 97 6	250
	4	10.5	PTSA 1,5/4-3,5-F	19 84 98 9	250
	5	14	PTSA 1,5/5-3,5-F	19 84 99 2	100
	6	17.5	PTSA 1,5/6-3,5-F	19 85 00 1	100
	7	21	PTSA 1,5/7-3,5-F	19 85 01 4	100
	8	24.5	PTSA 1,5/8-3,5-F	19 85 02 7	100
	9	28	PTSA 1,5/9-3,5-F	19 85 03 0	100
	10	31.5	PTSA 1,5/10-3,5-F	19 85 04 3	100
	11	35	PTSA 1,5/11-3,5-F	19 85 05 6	50
	12	38.5	PTSA 1,5/12-3,5-F	19 85 06 9	50
	13	42	PTSA 1,5/13-3,5-F	19 85 07 2	50
	14	45.5	PTSA 1,5/14-3,5-F	19 85 08 5	50
	15	49	PTSA 1,5/15-3,5-F	19 85 09 8	50
	16	52.5	PTSA 1,5/16-3,5-F	19 85 10 8	50
	17	56	PTSA 1,5/17-3,5-F	19 85 11 1	50
	18	59.5	PTSA 1,5/18-3,5-F	19 85 12 4	50
	19	63	PTSA 1,5/19-3,5-F	19 85 13 7	50
	20	66.5	PTSA 1,5/20-3,5-F	19 85 14 0	50
	21	70	PTSA 1,5/21-3,5-F	19 85 15 3	50
	22	73.5	PTSA 1,5/22-3,5-F	19 85 16 6	50
	23	77	PTSA 1,5/23-3,5-F	19 85 17 9	50
	24	80.5	PTSA 1,5/24-3,5-F	19 85 18 2	50

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]/[mm²]
Maximum load current / cross section	[A]/[mm²]

Connection capacity

Solid / stranded / conductor sizes	[mm²]/[mm²]/AWG
Stranded with ferrule without / with plastic sleeve	[mm²]

Stripping length

Insulating material

Inflammability class in acc. with 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

0.4 x 0.75

	I	
III / 3	III / 2	II / 2
200	200	400
4	4	4
	2 / 1.5	
	2 / 1.5	

0.5 - 1.5 / 0.5 - 1.5 / 20 - 16

0.5 - 1.0 / 0.5

8

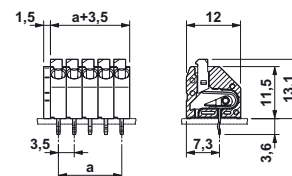
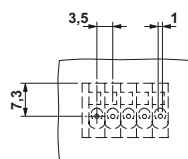
PA

V2

300 / 2 / 24 - 16

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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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