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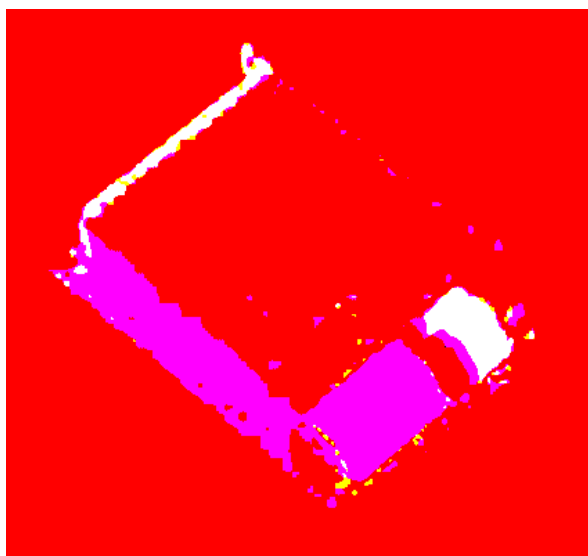
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COMBICON compact; Spring-Cage PCB Termination Blocks PTSA 0,5/... with a 2.5 mm Pitch PTSA 1,5/... with a 3.5 mm Pitch



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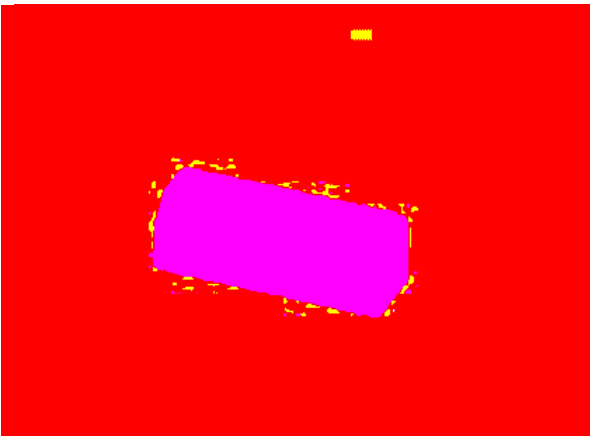


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- Universal Internet aided engineering with extensive CAD downloading
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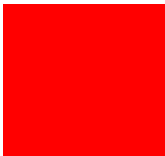
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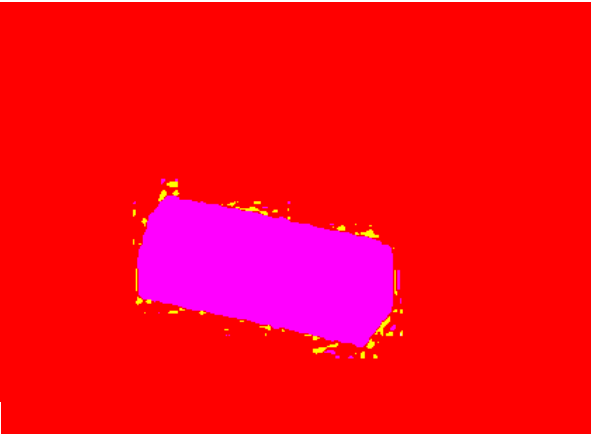




Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, offset pins, 2.5 mm pitch, color: green					
	2	2.5	PTSA 0,5/2-2,5-Z	19 90 00 9	250
	3	5	PTSA 0,5/3-2,5-Z	19 90 01 2	250
	4	7.5	PTSA 0,5/4-2,5-Z	19 90 02 5	250
	5	10	PTSA 0,5/5-2,5-Z	19 90 03 8	100
	6	12.5	PTSA 0,5/6-2,5-Z	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			see description		
Pitch		[mm]	2.5		
Hole diameter		[mm]	1		
Pin dimensions		[mm]x[mm]	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			8		
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	—		

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





Description	No. of pos.	Dim. a [mm]
PCB termination blocks, pins at the front, 2.5 mm pitch, color: green	2	2.5
	3	5
	4	7.5
	5	10
	6	12.5
	7	15
	8	17.5
	9	20
	10	22.5
	11	25
	12	27.5
	13	30
	14	32.5
	15	35
	16	37.5
	17	40
	18	42.5
	19	45
	20	47.5
	21	50
	22	52.5
	23	55
	24	57.5

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

	[mm]
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Insulating material

Inflammability class in acc. with UL 94

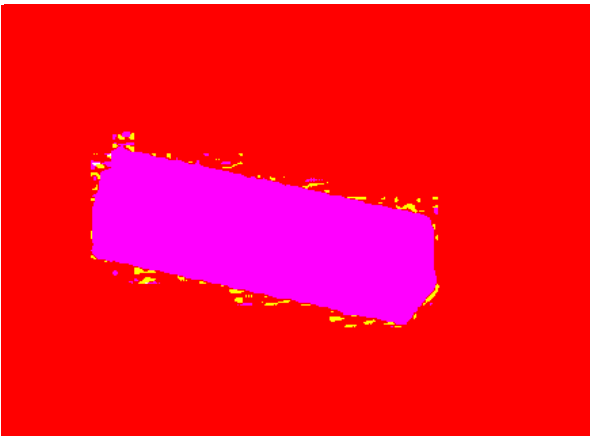
Approval data (UL/CUL and CSA)

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

Type	Order No.	Pcs./Pkt.
PTSA 0,5/2-2,5-F	19 89 74 8	250
PTSA 0,5/3-2,5-F	19 89 75 1	250
PTSA 0,5/4-2,5-F	19 89 76 4	250
PTSA 0,5/5-2,5-F	19 89 77 7	100
PTSA 0,5/6-2,5-F	19 89 78 0	100
PTSA 0,5/7-2,5-F	19 89 79 3	100
PTSA 0,5/8-2,5-F	19 89 80 3	100
PTSA 0,5/9-2,5-F	19 89 81 6	100
PTSA 0,5/10-2,5-F	19 89 82 9	100
PTSA 0,5/11-2,5-F	19 89 83 2	50
PTSA 0,5/12-2,5-F	19 89 84 5	50
PTSA 0,5/13-2,5-F	19 89 85 8	50
PTSA 0,5/14-2,5-F	19 89 86 1	50
PTSA 0,5/15-2,5-F	19 89 87 4	50
PTSA 0,5/16-2,5-F	19 89 88 7	50
PTSA 0,5/17-2,5-F	19 89 89 0	50
PTSA 0,5/18-2,5-F	19 89 90 0	50
PTSA 0,5/19-2,5-F	19 89 91 3	50
PTSA 0,5/20-2,5-F	19 89 92 6	50
PTSA 0,5/21-2,5-F	19 89 93 9	50
PTSA 0,5/22-2,5-F	19 89 94 2	50
PTSA 0,5/23-2,5-F	19 89 95 5	50
PTSA 0,5/24-2,5-F	19 89 99 7	50

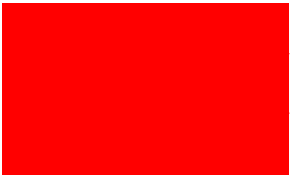
see description			
2.5			
1			
0.4 x 0.75			
III / 3	I	II / 2	
63	250	250	
2.5	2.5	2.5	
2 / 0.5			
2 / 0.5			
0.14 - 0.5 / 0.2 - 0.5 / 24 - 20			
—			
8			
PA			
V0			
—			
—			

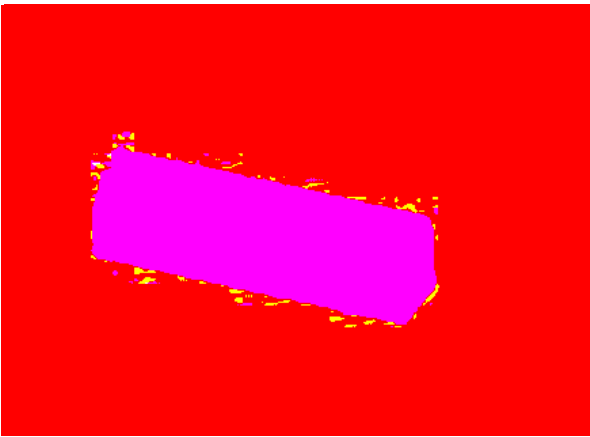




Description	No. of pos.	Dim. a [mm]	Type	Order No.	Pcs./Pkt.
PCB termination blocks, offset pins, 3.5 mm pitch, color: green					
	2	3.5	PTSA 1,5/2-3,5-Z	19 85 19 5	250
	3	7	PTSA 1,5/3-3,5-Z	19 85 20 5	250
	4	10.5	PTSA 1,5/4-3,5-Z	19 85 21 8	250
	5	14	PTSA 1,5/5-3,5-Z	19 85 22 1	100
	6	17.5	PTSA 1,5/6-3,5-Z	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 9	50
	24	80.5	PTSA 1,5/24-3,5-Z	19 85 41 2	50
Technical data					
Dimensions			see description		
Pitch		[mm]	3.5		
Hole diameter		[mm]	1		
Pin dimensions		[mm]x[mm]	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]	250	400	630
Rated surge voltage		[kV]	4	4	4
Nominal current / cross section		[A]/[mm²]	2 / 1.5		
Maximum load current / cross section		[A]/[mm²]	2 / 1.5		
Connection capacity					
Solid / stranded / conductor sizes		[mm²]/[mm²]/AWG	0.5 - 1.5 / 0.5 - 1.5 / 20 - 16		
Stranded with ferrule without / with plastic sleeve		[mm²]	0.5 - 1.0 / 0.5		
Stripping length			8		
Insulating material			PA		
Inflammability class in acc. with UL 94			V2		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes		UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	300 / 2 / 24 - 16		

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





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			see description		
Pitch		[mm]	3.5		
Hole diameter		[mm]	1		
Pin dimensions		[mm]x[mm]	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]	200	200	400
Rated surge voltage		[kV]	4	4	4
Nominal current / cross section		[A]/[mm²]		2 / 1.5	
Maximum load current / cross section		[A]/[mm²]		2 / 1.5	
Connection capacity					
Solid / stranded / conductor sizes		[mm²]/[mm²]/AWG	0.5 - 1.5 / 0.5 - 1.5 / 20 - 16		
Stranded with ferrule without / with plastic sleeve		[mm²]	0.5 - 1.0 / 0.5		
Stripping length			8		
Insulating material			PA		
Inflammability class in acc. with UL 94			V2		
Approval data (UL/CUL and CSA)					
Nominal voltage / current / conductor sizes		UL/CUL: [V]/[A]/AWG CSA: [V]/[A]/AWG	300 / 2 / 24 - 16 —		

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