

# PCB terminal, rising cage clamp system pitch 5.00/5.08 mm

# wiecon PCB

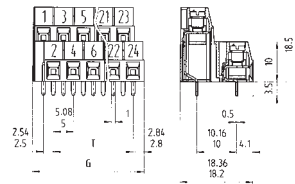
Rated cross section:  
1.5 mm<sup>2</sup>

Rated current:  
10 A

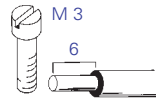
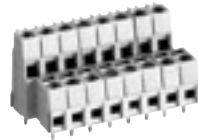
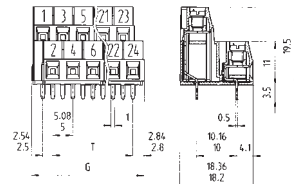
Wire range:  
0.14 – 2.5 mm<sup>2</sup> single core/  
0.14 – 1.5 mm<sup>2</sup> finely stranded

250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I

without insulating plate



with insulating plate, without locating cams



Solder pin 0.5 x 1.0 mm  
Drill hole Ø 12 mm

\* max. 600 V for non-earthed systems or expected overvoltage  
≤ 4 kV

## Type 8192 E/8292 E conductor horizontal to PCB

Rated voltages VDE 0110

UL Data

field/factory wiring

CSA Data

Approvals

No. 30 – 14 AWG

300 V 15/16 A

No. 30 – 14 AWG

300 V 15 A



Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	marked with insulating plate with locating cams
<b>pitch 5.00 mm</b>							
50	13.05	5	4	25.198.5253.0	25.198.0253.0	25.198.9253.0	25.198.4253.0
50	18.05	10	6	25.198.5353.0	25.198.0353.0	25.198.9353.0	25.198.4353.0
50	23.05	15	8	25.198.5453.0	25.198.0453.0		
50	28.05	20	10	25.198.5553.0	25.198.0553.0		
50	33.05	25	12	25.198.5653.0	25.198.0653.0		
50	38.05	30	14	25.198.5753.0	25.198.0753.0		
50	43.05	35	16	25.198.5853.0	25.198.0853.0		
50	48.05	40	18	25.198.5953.0	25.198.0953.0		
50	53.05	45	20	25.198.6053.0	25.198.1053.0		
50	58.05	50	22	25.198.6153.0	25.198.1153.0		
50	63.05	55	24	25.198.6253.0	25.198.1253.0		
<b>pitch 5.08 mm</b>							
50	13.25	5.08	4	25.199.5253.0	25.199.0253.0	25.199.9253.0	25.199.4253.0
50	18.33	10.16	6	25.199.5353.0	25.199.0353.0	25.199.9353.0	25.199.4353.0
50	23.41	15.24	8	25.199.5453.0	25.199.0453.0		
50	28.49	20.32	10	25.199.5553.0	25.199.0553.0		
50	33.57	25.40	12	25.199.5653.0	25.199.0653.0		
50	38.65	30.48	14	25.199.5753.0	25.199.0753.0		
50	43.73	35.56	16	25.199.5853.0	25.199.0853.0		
50	48.81	40.64	18	25.199.5953.0	25.199.0953.0		
50	53.89	45.72	20	25.199.6053.0	25.199.1053.0		
50	58.97	50.80	22	25.199.6153.0	25.199.1153.0		
50	64.05	55.88	24	25.199.6253.0	25.199.1253.0		



# PCB terminal, rising cage clamp system pitch 5.00/5.08 mm

# wiecon PCB

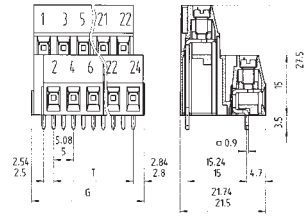
Rated cross section:  
2.5 mm<sup>2</sup>

Rated current:  
16 A

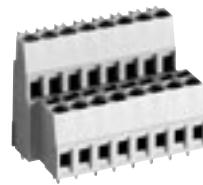
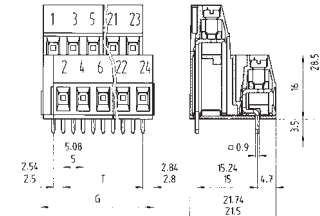
Wire range:  
0.14 – 4.0 mm<sup>2</sup> single core/  
0.14 – 2.5 mm<sup>2</sup> finely stranded

250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I

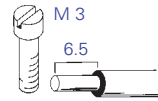
without insulating plate



with insulating plate, without locating cams



Solder pin 0.9 x 0.9 mm  
Drill hole Ø 1.3 mm



\* max. 600 V for non-earthed systems or expected overvoltage  
≤ 4 kV

## Type 8191 E/8291 E

conductor horizontal to PCB

Rated voltages VDE 0110

UL Data

field/factory wiring

CSA Data

Approvals

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

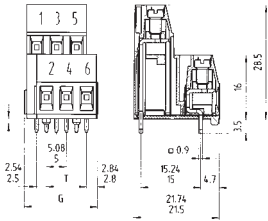
300 V 25 A



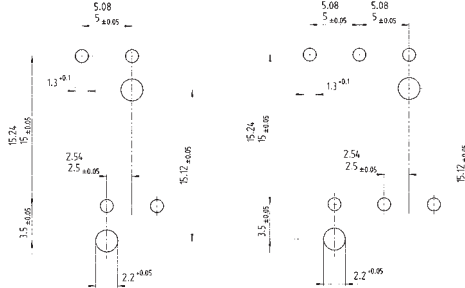
Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	marked with insulating plate with locating cams
<b>pitch 5.00 mm</b>							
50	13.05	5	4	25.178.5253.0	25.178.0253.0	25.178.9253.0	25.178.4253.0
50	18.05	10	6	25.178.5353.0	25.178.0353.0	25.178.9353.0	25.178.4353.0
50	23.05	15	8	25.178.5453.0	25.178.0453.0		
50	28.05	20	10	25.178.5553.0	25.178.0553.0		
50	33.05	25	12	25.178.5653.0	25.178.0653.0		
50	38.05	30	14	25.178.5753.0	25.178.0753.0		
50	43.05	35	16	25.178.5853.0	25.178.0853.0		
50	48.05	40	18	25.178.5953.0	25.178.0953.0		
50	53.05	45	20	25.178.6053.0	25.178.1053.0		
50	58.05	50	22	25.178.6153.0	25.178.1153.0		
50	63.05	55	24	25.178.6253.0	25.178.1253.0		
<b>pitch 5.08 mm</b>							
50	13.25	5.08	4	25.179.5253.0	25.179.0253.0	25.179.9253.0	25.179.4253.0
50	18.33	10.16	6	25.179.5353.0	25.179.0353.0	25.179.9353.0	25.179.4353.0
50	23.41	15.24	8	25.179.5453.0	25.179.0453.0		
50	28.49	20.32	10	25.179.5553.0	25.179.0553.0		
50	33.57	25.40	12	25.179.5653.0	25.179.0653.0		
50	38.65	30.48	14	25.179.5753.0	25.179.0753.0		
50	43.73	35.56	16	25.179.5853.0	25.179.0853.0		
50	48.81	40.64	18	25.179.5953.0	25.179.0953.0		
50	53.89	45.72	20	25.179.6053.0	25.179.1053.0		
50	58.97	50.80	22	25.179.6153.0	25.179.1153.0		
50	64.05	55.88	24	25.179.6253.0	25.179.1253.0		

# wiecon

with insulating plate, with locating cams



Drilling plan for version with locating cams



## Materials

- Insulating housing: PA 66/6 grey, UL 94-V2
- Clamping part: nickel plated brass
- Contact and solder pin: tin plated E-Cu
- Clamping screw: galvanised steel

Part No.	Part No.
unmarked with insulating plate without locating cams	marked with insulating plate without locating cams
	on request
on request	on request



***wiecon***

# PCB terminal, rising cage clamp system pitch 5.00/5.08 mm

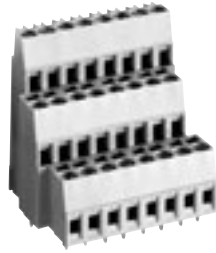
# wiecon PCB

Rated cross section:  
2.5 mm<sup>2</sup>

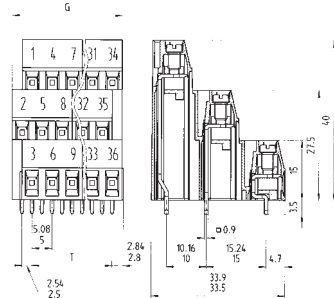
Rated current:  
16 A

Wire range:  
0.14 – 4.0 mm<sup>2</sup> single core/  
0.14 – 2.5 mm<sup>2</sup> finely stranded

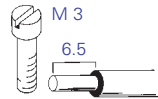
250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I



without insulating plate



Solder pin 0.9 x 0.9 mm  
Drill hole Ø 1.3 mm



\* max. 600 V for non-earthed systems or expected overvoltage  
≤ 4 kV

## Type 8191 D/8291 D

conductor horizontal to PCB

Rated voltages VDE 0110

UL Data

CSA Data

Approvals

field/factory wiring

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

300 V 25 A



Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	Marked with insulating plate with locating cams
<b>pitch 5.00 mm</b>							
50	12.8	5	6	25.180.5253.0	25.180.0253.0	25.180.9253.0	25.180.4253.0
50	17.8	10	9	25.180.5353.0	25.180.0353.0	25.180.9353.0	25.180.4353.0
50	22.8	15	12	25.180.5453.0	25.180.0453.0		
50	27.8	20	15	25.180.5553.0	25.180.0553.0		
50	32.8	25	18	25.180.5653.0	25.180.0653.0		
50	37.8	30	21	25.180.5753.0	25.180.0753.0		
50	42.8	35	24	25.180.5853.0	25.180.0853.0		
50	47.8	40	27	25.180.5953.0	25.180.0953.0		
20	52.8	45	30	25.180.6053.0	25.180.1053.0		
20	57.8	50	33	25.180.6153.0	25.180.1153.0		
20	62.8	55	36	25.180.6253.0	25.180.1253.0		
<b>pitch 5.08 mm</b>							
50	12.70	5.08	6	25.181.5253.0	25.181.0253.0	25.181.9253.0	25.181.4253.0
50	17.78	10.16	9	25.181.5353.0	25.181.0353.0	25.181.9353.0	25.181.4353.0
50	22.86	15.24	12	25.181.5453.0	25.181.0453.0		
50	27.94	20.32	15	25.181.5553.0	25.181.0553.0		
50	33.02	25.40	18	25.181.5653.0	25.181.0653.0		
50	38.10	30.48	21	25.181.5753.0	25.181.0753.0		
50	43.18	35.56	24	25.181.5853.0	25.181.0853.0		
50	48.26	40.64	27	25.181.5953.0	25.181.0953.0		
20	53.34	45.72	30	25.181.6053.0	25.181.1053.0		
20	58.42	50.80	33	25.181.6153.0	25.181.1153.0		
20	63.50	55.88	36	25.181.6253.0	25.181.1253.0		





# PCB terminal, rising cage clamp system pitch 5.00 mm

# wiecon PCB

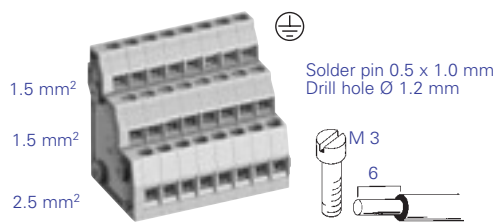
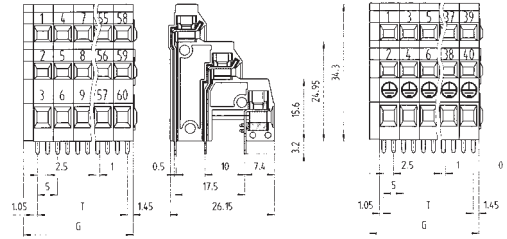
Rated cross section:  
1.5 mm<sup>2</sup>, earth 2.5 mm<sup>2</sup>

Rated current:  
10 A

Wire range:  
0.5 – 2.5 mm<sup>2</sup> single core 0.5 – 4.0 mm<sup>2</sup> (earth)  
0.5 – 1.5 mm<sup>2</sup> finely stranded 0.5 – 2.5 mm<sup>2</sup> (earth)

250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I

\* max. 600 V for non-earthed systems or expected overvoltage  
≤ 4 kV



Materials **Type 8195 D/...** and  
**Type 8195 V/...**  
Insulating housing: PA 6/66, UL 94-V0  
Clamping part: nickel plated brass  
Contact and solder pin: tinned  
Clamping screw: galvanised steel

## Type 8195 D/...

conductor horizontal to PCB

Rated voltages VDE 0110

UL Data field/factory wiring  
CSA Data  
Approvals

No. 30 – 14 AWG 300 V 10 A No. 20 – 12 AWG for PE  
No. 30 – 14 AWG 300 V 10 A No. 20 – 12 AWG for PE



Box Qty	G	T	Pole	Part No.	Part No.
<b>pitch 5.00 mm</b>					
				unmarked	marked
50	12.50	7.50	6	25.153.2253.0	25.153.0253.0
50	17.50	12.50	9	25.153.2353.0	25.153.0353.0
50	22.50	17.50	12	25.153.2453.0	25.153.0453.0
50	27.50	22.50	15	25.153.2553.0	25.153.0553.0
50	32.50	27.50	18	25.153.2653.0	25.153.0653.0
50	37.50	32.50	21	25.153.2753.0	25.153.0753.0
50	42.50	37.50	24	25.153.2853.0	25.153.0853.0
20	47.50	42.50	27	25.153.2953.0	25.153.0953.0
20	52.50	47.50	30	25.153.3053.0	25.153.1053.0
	33 to 60 pole on request				
<b>Sensor terminals</b>					
<b>pitch 5.00 mm</b>					
			⊕ jumpered	<b>Type 8195 D/... VB1</b>	marked
				unmarked	marked
50		2 PE + 4		25.153.6253.0	25.153.4253.0
50		3 PE + 6		25.153.6353.0	25.153.4353.0
50		4 PE + 8		25.153.6453.0	25.153.4453.0
50		5 PE + 10		25.153.6553.0	25.153.4553.0
50		6 PE + 12		25.153.6653.0	25.153.4653.0
50		7 PE + 14		25.153.6753.0	25.153.4753.0
50		8 PE + 16		25.153.6853.0	25.153.4853.0
50		9 PE + 18		25.153.6953.0	25.153.4953.0
20		10 PE + 20		25.153.7053.0	25.153.5053.0
	11 earth + 33 up to 20 earth + 60 on request				

# wiecon

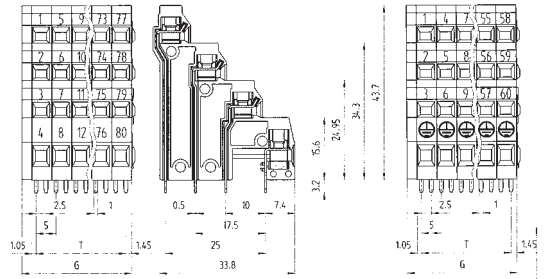
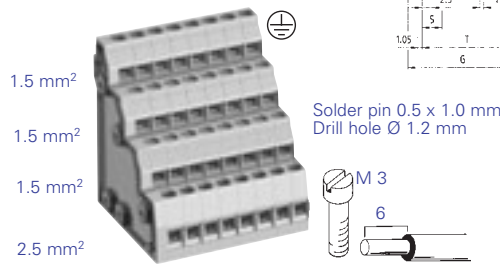
Rated cross section:  
1.5 mm<sup>2</sup>, earth 2.5 mm<sup>2</sup>

Rated current:  
10 A

Wire range:  
0.5 – 2.5 mm<sup>2</sup> single core 0.5 – 4.0 mm<sup>2</sup> (earth)  
0.5 – 1.5 mm<sup>2</sup> finely stranded 0.5 – 2.5 mm<sup>2</sup> (earth)

250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I

\* max. 600 V for non-earthed systems or expected overvoltage  
≤ 4 kV



## Type 8195 V/...

conductor horizontal to PCB

Rated voltages VDE 0110

UL Data

CSA Data

Approvals

field/factory wiring

No. 30 – 14 AWG

No. 30 – 14 AWG

300 V

300 V

10 A

10 A

No. 20 – 12 AWG for PE

No. 20 – 12 AWG for PE



Box Qty	G	T	Pole	Part No.	Part No.
<b>pitch 5.00 mm</b>				unmarked	marked
50	12.50	7.50	8	25.154.2253.0	25.154.0253.0
50	17.50	12.50	12	25.154.2353.0	25.154.0353.0
50	22.50	17.50	16	25.154.2453.0	25.154.0453.0
50	27.50	22.50	20	25.154.2553.0	25.154.0553.0
50	32.50	27.50	24	25.154.2653.0	25.154.0653.0
50	37.50	32.50	28	25.154.2753.0	25.154.0753.0
50	42.50	37.50	32	25.154.2853.0	25.154.0853.0
20	47.50	42.50	36	25.154.2953.0	25.154.0953.0
20	52.50	47.50	40	25.154.3053.0	25.154.1053.0
44 to 80 pole on request					
<b>Sensor terminals</b>				<b>Type 8195 V/... VB1</b>	
<b>pitch 5.00 mm</b>				unmarked	marked
⊕ jumpered					
50		2 PE + 6		25.154.6253.0	25.154.4253.0
50		3 PE + 9		25.154.6353.0	25.154.4353.0
50		4 PE + 12		25.154.6453.0	25.154.4453.0
50		5 PE + 15		25.154.6553.0	25.154.4553.0
50		6 PE + 18		25.154.6653.0	25.154.4653.0
50		7 PE + 21		25.154.6753.0	25.154.4753.0
50		8 PE + 24		25.154.6853.0	25.154.4853.0
50		9 PE + 27		25.154.6953.0	25.154.4953.0
20		10 PE + 30		25.154.7053.0	25.154.5053.0
11 earth + 33 to 20 earth + 60 on request					

## Drilling plan Type 8195 D/... and Type 8195 V/...

