

# PC board connectors, rising cage clamp system

Spacing: 5.00/5.08/10.00 mm

# wiecon PCB

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

Rated current:  
16 A

Connection range:  
0.14 – 4.0 mm<sup>2</sup> solid/  
0.14 – 2.5 mm<sup>2</sup> fine stranded

Rated voltages:

Spacing: 5.00/5.08 mm VDE 0110  
250 V/4 kV/3 – Overvoltage category III  
\*690 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I

Rated voltages:

Spacing: 10.00 mm VDE 0110  
690 V/8 kV/3 – Overvoltage category III  
1000 V/8 kV/2 – Overvoltage category II  
1000 V/8 kV/1 – Overvoltage category I

\* max. 600 V for ungrounded networks or expected  
overvoltage ≤ 4 kV

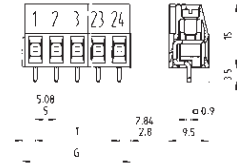
Rated voltages VDE 0110

UL ratings field/factory wiring

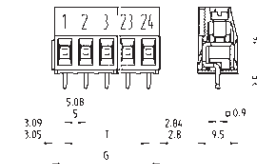
CSA ratings

Approvals

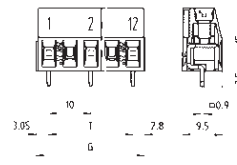
Spacing: 5.00/5.08 mm, without insulating plate



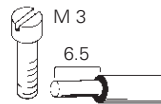
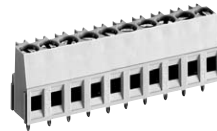
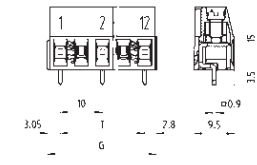
with insulating plate, without fixing bolts



Spacing: 10.00 mm, without insulating plate



with insulating plate, without fixing bolts



Solder pin 0.9 x 0.9 mm  
Bore hole Ø 1.3 mm

## Type 8191/8291

wire horizontal to PC board  
(with exposed test point)

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

300 V 25 A



Std. pack	G	T	Poles	Part no.	Part no.	Part no.	Part no.	
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with fixing bolts	marked with insulating plate with fixing bolts	
<b>Spacing: 5.00 mm</b>								
100	10.85	5	2	25.161.0253.0	25.160.0253.0	25.171.0253.0	25.170.0253.0	
100	15.85	10	3	25.161.0353.0	25.160.0353.0	25.171.0353.0	25.170.0353.0	
50	20.85	15	4	25.161.0453.0	25.160.0453.0			
50	25.85	20	5	25.161.0553.0	25.160.0553.0			
50	30.85	25	6	25.161.0653.0	25.160.0653.0			
50	35.85	30	7	25.161.0753.0	25.160.0753.0			
50	40.85	35	8	25.161.0853.0	25.160.0853.0			
50	45.85	40	9	25.161.0953.0	25.160.0953.0			
50	50.85	45	10	25.161.1053.0	25.160.1053.0			
50	55.85	50	11	25.161.1153.0	25.160.1153.0			
50	60.85	55	12	25.161.1253.0	25.160.1253.0			
50	65.85	60	13	25.161.1353.0	25.160.1353.0			
50	70.85	65	14	25.161.1453.0	25.160.1453.0			
50	75.85	70	15	25.161.1553.0	25.160.1553.0			
50	80.85	75	16	25.161.1653.0	25.160.1653.0			
17 to 24pole upon request								
<b>Spacing: 5.08 mm</b>								
100	11.01	5.08	2	25.163.0253.0		25.173.0253.0	25.172.0253.0	
100	16.09	10.16	3	25.163.0353.0		25.173.0353.0	25.172.0353.0	
50	21.17	15.24	4	25.163.0453.0				
50	26.25	20.32	5	25.163.0553.0				
50	31.33	25.40	6	25.163.0653.0				
50	36.41	30.48	7	25.163.0753.0				
50	41.49	35.56	8	25.163.0853.0				
50	46.57	40.64	9	25.163.0953.0				
50	51.65	45.72	10	25.163.1053.0				
50	56.73	50.80	11	25.163.1153.0				
50	61.81	55.88	12	25.163.1253.0				
50	66.89	60.96	13	25.163.1353.0				
50	71.97	66.04	14	25.163.1453.0				
50	77.05	71.12	15	25.163.1553.0				
50	82.13	76.20	16	25.163.1653.0				
17 to 24pole upon request								
<b>Spacing: 10.00 mm</b>								
100	15.85	10	2	25.169.0253.0	25.168.0253.0	25.169.6253.0	25.168.6253.0	
4 to 12pole upon requ.	50	25.85	20	3	25.169.0353.0	25.168.0353.0	25.169.6353.0	25.168.6353.0

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