

PC board connectors, rising cage clamp system

Spacing: 5.00/5.08 mm

wiecon PCB

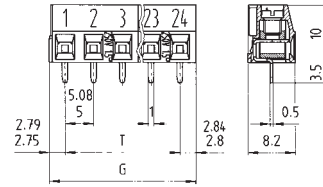
Rated cross section:
1.5 mm²

Rated current:
10 A

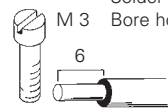
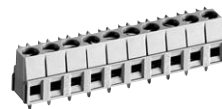
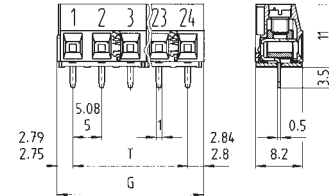
Connection range:
0.14 – 2.5 mm² solid/
0.14 – 1.5 mm² fine stranded

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



Solder pin 0.5 x 1 mm
Bore hole Ø 1.2 mm

Material:
Insulating housing:
PA 66/6 gray, UL 94-V0
Clamping body: nickel-plated brass
Contact clip with solder pin:
tin-plated bronze
Clamping screw: zinc-plated steel
Brass Nickel-plated
available upon request

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

Type 8192/8292

wire horizontal to PC board

No. 30 – 14 AWG 300 V 15/16 A
No. 30 – 14 AWG 300 V 15 A

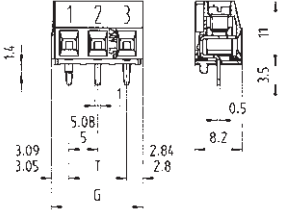


Rated voltages VDE 0110
UL ratings
CSA ratings
Approvals

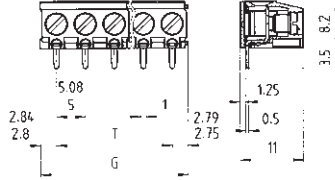
Std. pack	G	T	Poles	Part no. unmarked without insulating plate	Part no. marked without insulating plate	Part no. unmarked with insulating plate with fixing bolts	Part no. marked with insulating plate with fixing bolts
Spacing: 5.00 mm							
100	10.55	5	2	25.191.0253.0	25.190.0253.0	25.191.9253.0	25.190.9253.0
100	15.55	10	3	25.191.0353.0	25.190.0353.0	25.191.9353.0	25.190.9353.0
50	20.55	15	4	25.191.0453.0	25.190.0453.0		
50	25.55	20	5	25.191.0553.0	25.190.0553.0		
50	30.55	25	6	25.191.0653.0	25.190.0653.0		
50	35.55	30	7	25.191.0753.0	25.190.0753.0		
50	40.55	35	8	25.191.0853.0	25.190.0853.0		
50	45.55	40	9	25.191.0953.0	25.190.0953.0		
50	50.55	45	10	25.191.1053.0	25.190.1053.0		
50	55.55	50	11	25.191.1153.0	25.190.1153.0		
50	60.55	55	12	25.191.1253.0	25.190.1253.0		
50	65.55	60	13	25.191.1353.0	25.190.1353.0		
50	70.55	65	14	25.191.1453.0	25.190.1453.0		
50	75.55	70	15	25.191.1553.0	25.190.1553.0		
50	80.55	75	16	25.191.1653.0	25.190.1653.0		
17 to 24pole upon request							
Spacing: 5.08 mm							
100	10.71	5.08	2	25.193.0253.0	25.192.0253.0	25.193.9253.0	25.192.9253.0
100	15.79	10.16	3	25.193.0353.0	25.192.0353.0	25.193.9353.0	25.192.9353.0
50	20.87	15.24	4	25.193.0453.0	25.192.0453.0		
50	25.95	20.32	5	25.193.0553.0	25.192.0553.0		
50	31.03	25.40	6	25.193.0653.0	25.192.0653.0		
50	36.11	30.48	7	25.193.0753.0	25.192.0753.0		
50	41.19	35.56	8	25.193.0853.0	25.192.0853.0		
50	46.27	40.64	9	25.193.0953.0	25.192.0953.0		
50	51.35	45.72	10	25.193.1053.0	25.192.1053.0		
50	56.43	50.80	11	25.193.1153.0	25.192.1153.0		
50	61.51	55.88	12	25.193.1253.0	25.192.1253.0		
50	66.59	60.96	13	25.193.1353.0	25.192.1353.0		
50	71.67	66.04	14	25.193.1453.0	25.192.1453.0		
50	76.75	71.12	15	25.193.1553.0	25.192.1553.0		
50	81.83	76.20	16	25.193.1653.0	25.192.1653.0		
17 to 24pole upon request							

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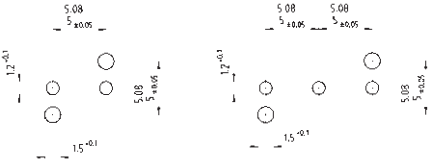
with insulating plate **with** fixing bolts



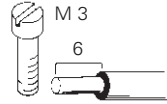
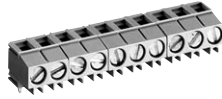
with insulating plate horizontal



Bore hole plan for version **with** fixing bolts



Solder pin 0.5 x 1 mm
Bore hole Ø 1.2 mm



Type 8192 ZW/8292 ZW

Wire vertical to PC board

No. 30 – 14 AWG

300 V 15/16 A

No. 30 – 14 AWG

300 V 15 A



Part no.	Part no.	Part no.	Part no.
unmarked with insulating plate without fixing bolts	marked with insulating plate without fixing bolts	unmarked with insulating plate horizontal	marked with insulating plate horizontal
upon request	upon request	25.191.6253.0 25.191.6353.0 25.191.6453.0	upon request
		25.191.6553.0 25.191.6653.0 25.191.6753.0	
		25.191.6853.0 25.191.6953.0 25.191.7053.0	
		25.191.7153.0 25.191.7253.0 25.191.7353.0	
		25.191.7453.0 25.191.7553.0 25.191.7653.0	
unmarked with insulating plate without fixing bolts	marked with insulating plate without fixing bolts	unmarked with insulating plate horizontal	marked with insulating plate horizontal
upon request	upon request	25.193.6253.0 25.193.6353.0 25.193.6453.0	upon request
		25.193.6553.0 25.193.6653.0 25.193.6753.0	
		25.193.6853.0 25.193.6953.0 25.193.7053.0	
		25.193.7153.0 25.193.7253.0 25.193.7353.0	
		25.193.7453.0 25.193.7553.0 25.193.7653.0	

wiecon PCB

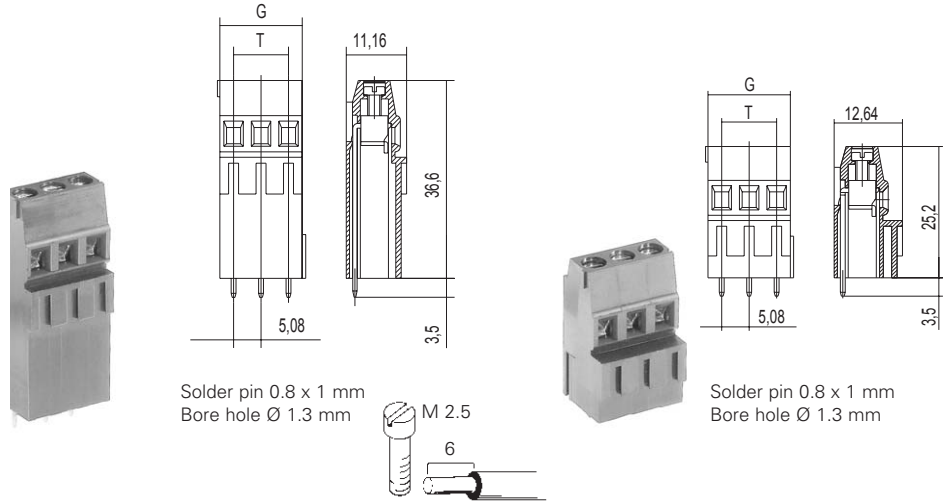
Rated cross section:
1.5 mm²

Rated current 15 A for type 8292 DH
Rated current 15 A for type 8292 EH
Rated current 15 A for type 8292 H

(related to an ambient temperature of 20 °C, the rated cross section and max. number of poles)

Connection range:
0.5 – 1.5 mm² solid/fine stranded

250 V/4 kV/3 – Overvoltage category III
250 V/4 kV/2 – Overvoltage category II
500 V/4 kV/1 – Overvoltage category I



Solder pin 0.8 x 1 mm
Bore hole Ø 1.3 mm

Solder pin 0.8 x 1 mm
Bore hole Ø 1.3 mm

Type 8292 DH

Type 8292 EH

Rated voltages VDE 0110

UL ratings field wiring

CSA ratings

Approvals

No. 24 – 14 AWG

300 V 10 A

No. 24 – 14 AWG

300 V 10 A

No. 24 – 14 AWG

300 V 10 A

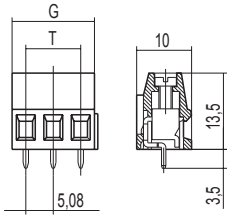
No. 24 – 14 AWG

300 V 10 A

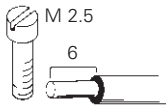


Std. pack	G	T	Poles	Part no.	Part no.	Part no.	Part no.
Spacing: 5.08 mm				unmarked		unmarked	
100	10.16	5.08	2	27.000.4253.0		27.000.2253.0	
100	15.24	10.16	3	27.000.4353.0		27.000.2353.0	
				Customers are advised to ensure support for the 8292 DH		Customers are advised to ensure support for the 8292 EH	

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Solder pin 0.8 x 1 mm
Bore hole Ø 1.3 mm



Type 8292 H

No. 24 – 14 AWG
No. 24 – 14 AWG

300 V 10 A
300 V 10 A



Part no.	Part no.
unmarked	
27.000.0253.0	
27.000.0353.0	



PC board connectors, rising cage clamp system

Spacing: 5.00/5.08 mm

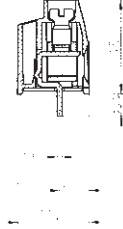
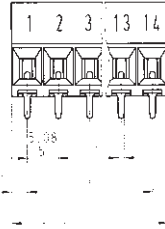
wiecon PCB

Rated cross section:
2.5 mm²

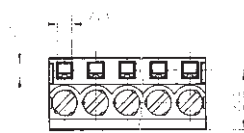
Rated current:
16 A

Connection range:
0.14 – 4.0 mm² solid/
0.14 – 2.5 mm² fine stranded

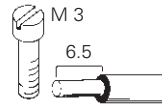
250 V/4 kV/3 – Overvoltage category III
*690 V/4 kV/2 – Overvoltage category II
1000 V/4 kV/1 – Overvoltage category I



Material:
Insulating housing:
PA 66/6 gray, UL 94-V0
Clamping body: nickel-plated brass
Contact clip with solder pin:
tin-plated E copper
Clamping screw: zinc-plated steel



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



Solder pin 1 x 0.8 mm
Bore hole Ø 1.3 mm

Upon request also with Philips screw

Type 81 – 8291 R
wire horizontal to PC board
(with integrated test point)

No. 22 – 12 AWG
No. 22 – 12 AWG

300 V 20/30 A
300 V 25 A



Rated voltages VDE 0110
UL ratings
CSA ratings
Approvals

Std. pack	G	T	Poles	Part no.	Part no.
Spacing: 5.00 mm				unmarked with insulating plate	marked with insulating plate
Type 8191 R					
500	10.85	5	2	25.155.0253.0	25.155.2253.0
500	15.85	10	3	25.155.0353.0	25.155.2353.0
250	20.85	15	4	25.155.0453.0	25.155.2453.0
250	25.85	20	5	25.155.0553.0	25.155.2553.0
200	30.85	25	6	25.155.0653.0	25.155.2653.0
200	35.85	30	7	25.155.0753.0	25.155.2753.0
100	40.85	35	8	25.155.0853.0	25.155.2853.0
100	45.85	40	9	25.155.0953.0	25.155.2953.0
100	50.85	45	10	25.155.1053.0	25.155.3053.0
50	55.85	50	11	25.155.1153.0	25.155.3153.0
50	60.85	55	12	25.155.1253.0	25.155.3253.0
50	66.85	60	13	25.155.1353.0	25.155.3353.0
50	70.85	65	14	25.155.1453.0	25.155.3453.0
Spacing: 5.08 mm				unmarked with insulating plate	marked with insulating plate
Type 8291 R					
500	11.01	5.08	2	25.156.0253.0	25.156.2253.0
500	16.09	10.16	3	25.156.0353.0	25.156.2353.0
250	21.17	15.24	4	25.156.0453.0	25.156.2453.0
250	26.25	20.32	5	25.156.0553.0	25.156.2553.0
200	31.33	25.40	6	25.156.0653.0	25.156.2653.0
200	36.41	30.48	7	25.156.0753.0	25.156.2753.0
100	41.49	35.56	8	25.156.0853.0	25.156.2853.0
100	46.57	40.64	9	25.156.0953.0	25.156.2953.0
100	51.56	45.72	10	25.156.1053.0	25.156.3053.0
50	56.73	50.80	11	25.156.1153.0	25.156.3153.0
50	61.81	55.88	12	25.156.1253.0	25.156.3253.0
50	66.89	60.96	13	25.156.1353.0	25.156.3353.0
50	71.97	66.04	14	25.156.1453.0	25.156.3453.0