

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

# wiecon PCB

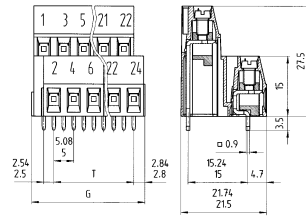
Rated cross section:  
2.5 mm<sup>2</sup>

Rated current:  
16 A

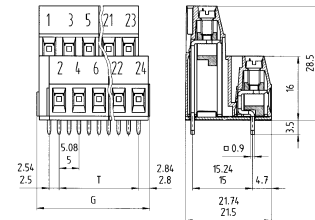
Wire range:  
0.14 – 4.0 mm<sup>2</sup> single core/  
0.14 – 2.5 mm<sup>2</sup> finely stranded

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

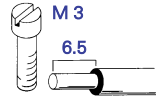
without insulating plate



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

CSA Data

Approvals

field/factory wiring

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

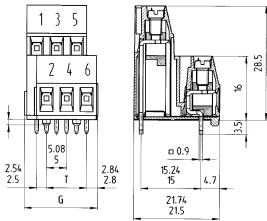
300 V 25 A



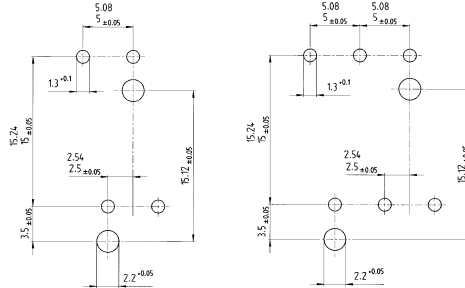
Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	marked with insulating plate with locating cams
<b>pitch 5.00 mm</b>							
50	13.05	5	4	25.178.5253.0	25.178.0253.0	25.178.9253.0	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

