

# PC board connectors, rising cage clamp system

Spacing: 5.00/5.08 mm

# wiecon PCB

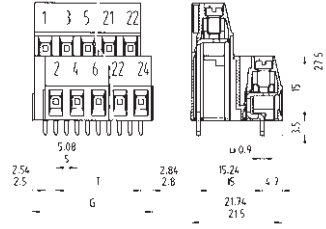
Rated cross section:  
2.5 mm<sup>2</sup>

Rated current:  
16 A

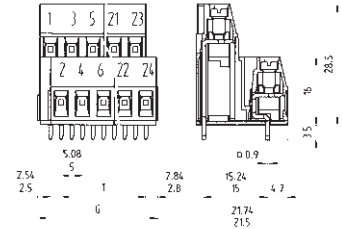
Connection range:  
0.14 – 4.0 mm<sup>2</sup> solid/  
0.14 – 2.5 mm<sup>2</sup> fine stranded

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

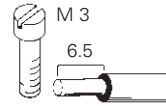
without insulating plate



with insulating plate, without fixing bolts



Solder pin 0.9 x 0.9 mm  
Bore hole Ø 1.3 mm



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

## Type 8191 E/8291 E

wire horizontal to PC board

Rated voltages VDE 0110

UL ratings field/factory wiring

CSA ratings

Approvals

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

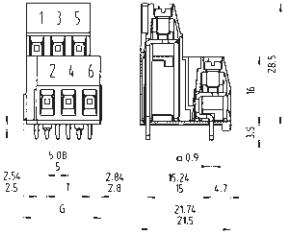
300 V 25 A



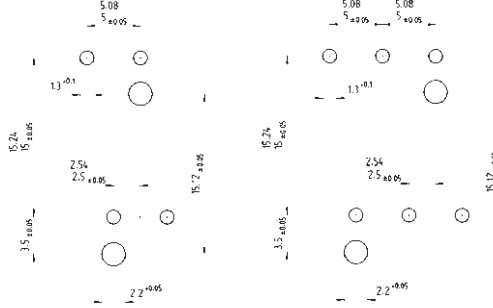
Std. pack	G	T	Poles	Part no.	Part no.	Part no.	Part no.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with fixing bolts	marked with insulating plate with fixing bolts
<b>Spacing: 5.00 mm</b>							
50	13.05	5	4	25.178.5253.0	25.178.0253.0	25.178.9253.0	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>Spacing: 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 fixing bolts



Bore hole plan for version with fixing bolts



- Material:  
 Insulating housing: PA 66/6 gray, UL 94-V-2  
 Clamping body: nickel-plated brass  
 Contact clip with solder pin:  
 tin-plated E copper  
 Clamping screw: zinc-plated steel

Part no.	Part no.
unmarked	marked
with insulating plate	with insulating plate
without fixing bolts	without fixing bolts
upon request	upon request
upon request	upon request