

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

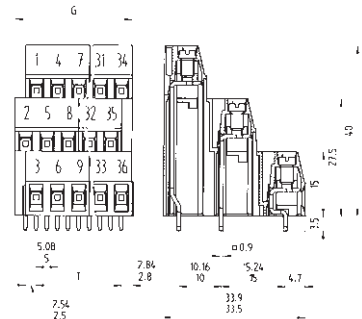
Connection range:
0.14 – 4.0 mm² solid/
0.14 – 2.5 mm² fine stranded

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

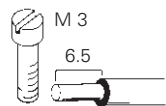
* max. 600 V for ungrounded networks or expected
overvoltage ≤ 4 kV



without insulating plate



Solder pin 0.9 x 0.9 mm
Bore hole Ø 1.3 mm



Type 8191 D/8291 D

wire horizontal to PC board

Rated voltages VDE 0110

UL ratings

CSA ratings

Approvals

field/factory wiring

No. 22 – 12 AWG

No. 22 – 12 AWG

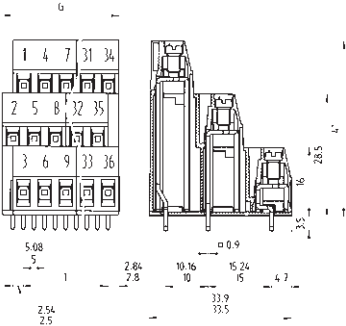
300 V 20/30 A

300 V 25 A

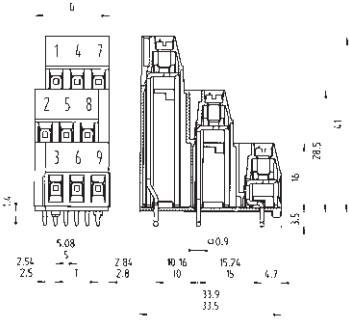


Std. pack	G	T	Poles	Part no.	Part no.	Part no.	Part no.
Spacing: 5.00 mm				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with fixing bolts	marked with insulating plate with fixing bolts
50	12.8	5	6	25.180.5253.0	25.180.0253.0	25.180.9253.0	25.180.4253.0
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		
Spacing: 5.08 mm							
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		

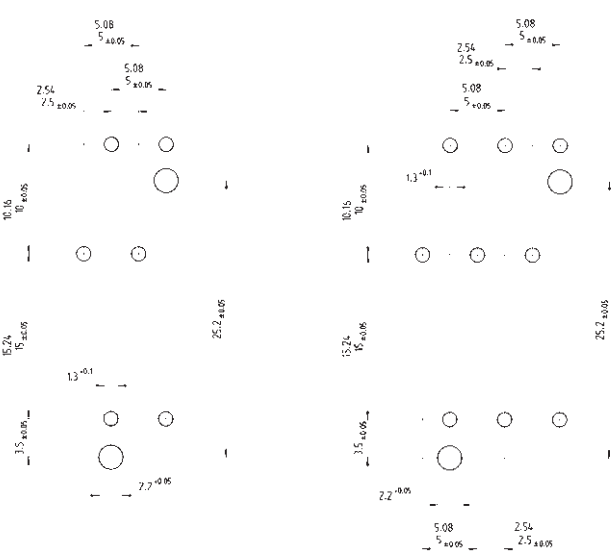
with insulating plate, **without** fixing bolts



with insulating plate, **with** fixing bolts



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



Material:
Insulating housing: PA 66/6 gray, UL 94-V-0
Clamping body: nickel-plated brass
Contact clip with solder pin:
tin-plated E copper
Clamping screw: zinc-plated steel

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