

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

Rated cross section:
2.5 mm²

Rated current:
16 A

Wire range:
0.14 – 4.0 mm² single core/
0.14 – 2.5 mm² 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

* max. 600 V for non-earthed systems or expected overvoltage
≤ 4 kV

Rated voltages VDE 0110

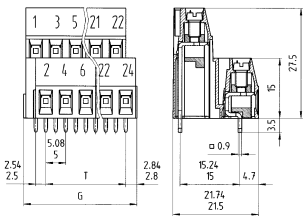
UL Data

CSA Data

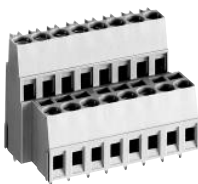
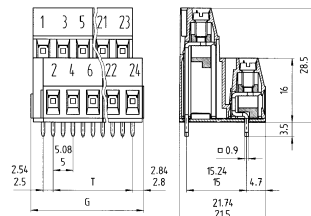
Approvals

field/factory wiring

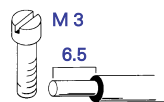
without insulating plate



with insulating plate, without locating cams



Solder pin 0.9 x 0.9 mm
Drill hole Ø 1.3 mm



Type 8191 E/8291 E
conductor horizontal to PCB

No. 22 – 12 AWG

300 V 20/30 A

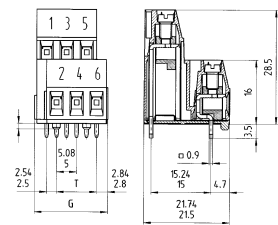
No. 22 – 12 AWG

300 V 25 A

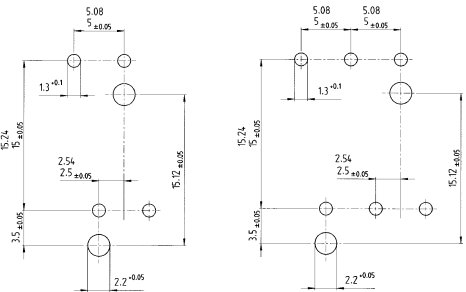


Box Qty	G	T	Pole	Part No.	Part No.	Part No.	Part No.
				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	marked with insulating plate with locating cams
pitch 5.00 mm							
50	13.05	5	4	25.178.5253.0	25.178.0253.0	25.178.9253.0	25.178.4253.0
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		
pitch 5.08 mm							
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		

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	marked
with insulating plate	with insulating plate
without locating cams	without locating cams
	on request
on request	on request