PCB terminal, rising cage clamp system pitch 3.50/3.81 mm

wiecon PCB

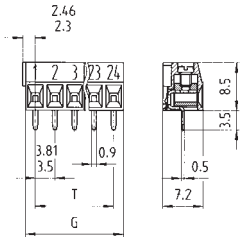
Rated cross section:
1.0 mm²

Rated current:
10 A

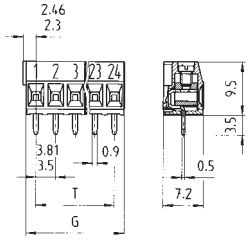
Wire range:
0.14 – 1.5 mm² single core/
0.14 – 1.0 mm² finely stranded

160 V/2.5 kV/3 – overvoltage category III
*250 V/2.5 kV/2 – overvoltage category II
**690 V/2.5 kV/1 – overvoltage category I

without insulating plate



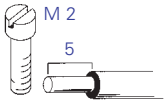
with insulating plate



Solder pin 0.5 x 0.9 mm
Drill hole Ø 1.1 mm

* up to 400 V in overvoltage category I
or expected overvoltage ≤ 3 kV for L ≥ 2.0 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm

** max. 600 V for non-earthed systems or expected overvoltage ≤ 3 kV for L ≥ 2.0 mm and ≤ 2.5 kV for 2.0 mm > L ≥ 1.5 mm



Type 8593/8893
Conductor horizontal to PCB

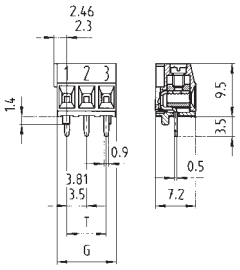
Rated voltages VDE 0110
UL Data
CSA Data
Approvals

No. 30 – 16 AWG	300 V	10 A
No. 30 – 16 AWG	300 V	10 A

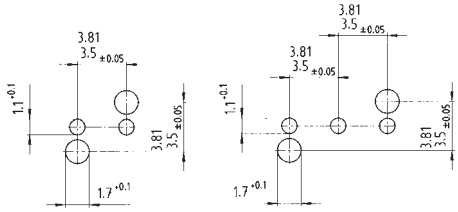
Materials
Insulating housing: PA 66/6 grey, UL 94-V2
Clamping part: nickel plated brass
Contact and solder pin: tin plated bronze
Clamping screw: galvanised steel

Box Qty	L	T	Pole	Part No. unmarked without insulating plate	Part No. marked without insulating plate	Part No. unmarked with insulating plate with locating cams	Part No. marked with insulating plate with locating cams
pitch 3.50 mm							
100	7.0	3.5	2	25.195.0253.0	25.194.0253.0	25.195.9253.0	25.194.9253.0
100	10.5	7.0	3	25.195.0353.0	25.194.0353.0	25.195.9353.0	25.194.9353.0
50	14.0	10.5	4	25.195.0453.0	25.194.0453.0		
50	17.5	14.0	5	25.195.0553.0	25.194.0553.0		
50	21.0	17.5	6	25.195.0653.0	25.194.0653.0		
50	24.5	21.0	7	25.195.0753.0	25.194.0753.0		
50	28.0	24.5	8	25.195.0853.0	25.194.0853.0		
50	31.5	28.0	9	25.195.0953.0	25.194.0953.0		
50	35.0	31.5	10	25.195.1053.0	25.194.1053.0		
50	38.5	35.0	11	25.195.1153.0	25.194.1153.0		
50	42.0	38.5	12	25.195.1253.0	25.194.1253.0		
50	45.5	42.0	13	25.195.1353.0	25.194.1353.0		
50	49.0	45.5	14	25.195.1453.0	25.194.1453.0		
50	52.5	49.0	15	25.195.1553.0	25.194.1553.0		
50	56.0	52.5	16	25.195.1653.0	25.194.1653.0		
	17 to 24 pole on request						
pitch 3.81 mm				unmarked without insulating plate	marked without insulating plate	unmarked with insulating plate with locating cams	marked with insulating plate with locating cams
100	7.62	3.81	2	25.197.0253.0	25.196.0253.0	25.197.9253.0	25.196.9253.0
100	11.43	7.62	3	25.197.0353.0	25.196.0353.0	25.197.9353.0	25.196.9353.0
50	15.24	11.43	4	25.197.0453.0	25.196.0453.0		
50	19.50	15.24	5	25.197.0553.0	25.196.0553.0		
50	22.86	19.05	6	25.197.0653.0	25.196.0653.0		
50	26.67	22.86	7	25.197.0753.0	25.196.0753.0		
50	30.48	26.67	8	25.197.0853.0	25.196.0853.0		
50	34.29	30.48	9	25.197.0953.0	25.196.0953.0		
50	38.10	34.29	10	25.197.1053.0	25.196.1053.0		
50	41.91	38.10	11	25.197.1153.0	25.196.1153.0		
50	45.72	41.91	12	25.197.1253.0	25.196.1253.0		
50	49.53	45.72	13	25.197.1353.0	25.196.1353.0		
50	53.34	49.53	14	25.197.1453.0	25.196.1453.0		
50	57.15	53.34	15	25.197.1553.0	25.196.1553.0		
50	60.96	57.15	16	25.197.1653.0	25.196.1653.0		
	17 to 24 pole on request						

with insulating plate **and** locating cams



Drilling plan for version **with** locating cams



Part No.	Part No.
unmarked with insulating plate without locating cams	marked with insulating plate without locating cams
on request	on request
unmarked with insulating plate without locating cams	marked with insulating plate without locating cams
on request	on request