

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

wiecon PCB

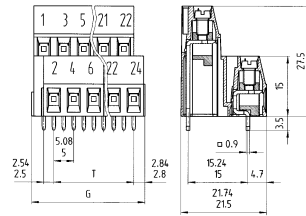
Rated cross section:
2.5 mm²

Rated current:
16 A

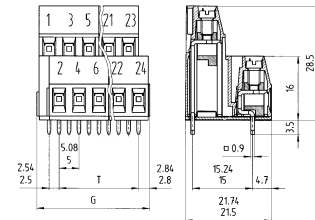
Wire range:
0.14 – 4.0 mm² single core/
0.14 – 2.5 mm² finely stranded

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

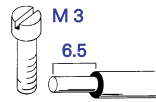
without insulating plate



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

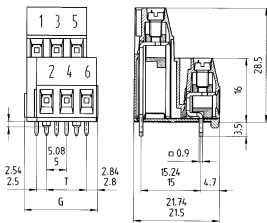
300 V 25 A



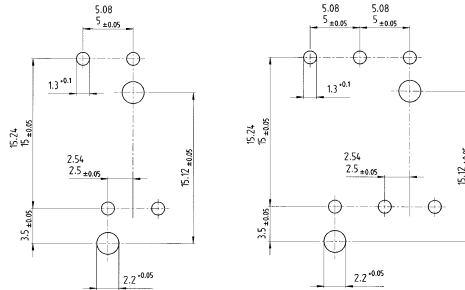
| Box Qty | G | T | Pole | Part No. | Part No. | Part No. | Part No. |
|----------------------|-------|-------|------|--------------------------------------|------------------------------------|---|---|
| | | | | unmarked without insulating plate | marked without insulating plate | unmarked with insulating plate with locating cams | marked with insulating plate with locating cams |
| 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 | | |

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 |
| | |
| | |
| | |
| | |
| | |



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[70.372.4835.3](#) [70.400.3240.0](#) [70.500.4853.0](#) [70.810.1053.0](#) [70.955.2453.3](#) [71.321.1028.0](#) [71.350.1028.0](#) [72.250.1628.2](#) [72.250.2428.2](#)
[72.250.2435.2](#) [72.301.1653.9](#) [72.325.1628.0](#) [72.353.1635.0](#) [73.352.6428](#) [73.353.4028.1](#) [73.363.6428.0](#) [77.340.1635.0](#) [78.111.0453.0](#)
[78.903.0153.0](#) [78.914.0253.0](#)