

# PC board connectors, rising cage clamp system

Spacing: 7.50/7.62 mm

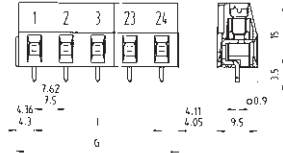
# wiecon PCB

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

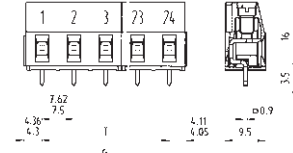
Rated current:  
16 A

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

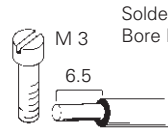
without insulating plate



with insulating plate, without fixing bolts



400 V/6 kV/3 – Overvoltage category III  
1000 V/6 kV/2 – Overvoltage category II  
1000 V/6 kV/1 – Overvoltage category I



Solder pin 0.9 x 0.9 mm  
Bore hole Ø 1.3 mm

Material  
Insulating housing:  
PA 66/6 gray, UL 94-V0  
Clamping body: nickel-plated brass  
Contact clip with solder pin:  
tin-plated E copper  
Clamping screw: zinc-plated steel  
Brass Nickel-plated  
available upon request

## Type 8391/8491

wire horizontal to PC board

No. 22 – 12 AWG  
No. 22 – 12 AWG

300 V 20/30 A  
300 V 25 A

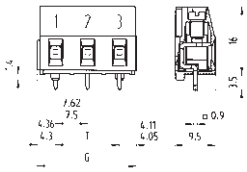


Rated voltages VDE 0110  
UL ratings  
CSA ratings  
Approvals

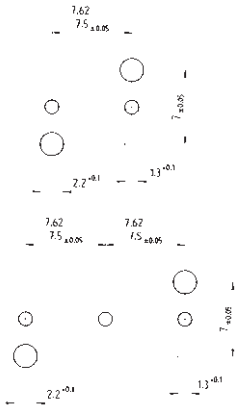
| Std. pack                | G     | T     | Poles | Part no.                             | Part no.  | Part no.   | Part no.                              |
|--------------------------|-------|-------|-------|--------------------------------------|---|--|---------------------------------------|
| <b>Spacing: 7.50 mm</b>  |       |       |       | unmarked<br>without insulating plate | unmarked<br>with insulating plate<br>without fixing bolts | unmarked<br>with insulating plate<br>with fixing bolts | marked<br>without insulating<br>plate |
| 100                      | 15.85 | 7.5   | 2     | 25.165.0253.0                        | 25.165.3253.0   | 25.175.0253.0  | 25.164.0253.0                         |
| 100                      | 23.35 | 15.0  | 3     | 25.165.0353.0                        | 25.165.3353.0   | 25.175.0353.0  | 25.164.0353.0                         |
| 4 to 24pole upon request |       |       |       |                                      |   |  |                                       |
| <b>Spacing: 7.62 mm</b>  |       |       |       | unmarked<br>without insulating plate | unmarked<br>with insulating plate<br>without fixing bolts | unmarked<br>with insulating plate<br>with fixing bolts | marked<br>without insulating<br>plate |
| 100                      | 16.09 | 7.62  | 2     | 25.167.0253.0                        | 25.167.3253.0   | 25.177.0253.0  | 25.166.0253.0                         |
| 100                      | 23.71 | 15.24 | 3     | 25.167.0353.0                        | 25.167.3353.0   | 25.177.0353.0  | 25.166.0353.0                         |
| 4 to 24pole upon request |       |       |       |                                      |   |  |                                       |

# wiecon

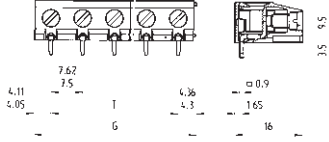
with insulating plate with fixing bolts



Bore hole plan for version with fixing bolts



with insulating plate horizontal



Solder pin 0.9 x 0.9 mm  
Bore hole Ø 1.3 mm



**Type 8391 ZW/8491 ZW**

wire vertical to PC board

No. 22 – 12 AWG

300 V 20/30 A

No. 22 – 12 AWG

300 V 25 A



| Part no.  | Part no.                                       | Part no.                                  | Part no.                                |
|---|--|---|---|
| marked with insulating plate without fixing bolts | marked with insulating plate with fixing bolts | unmarked with insulating plate horizontal | marked with insulating plate horizontal |
| 25.164.3253.0<br>25.164.3353.0                    | 25.174.0253.0<br>25.174.0353.0                 | 25.165.6253.0<br>25.165.6353.0            | 25.164.6253.0<br>25.164.6353.0          |
|   |  |   |   |
|   |  |   |   |
| marked with insulating plate without fixing bolts | marked with insulating plate with fixing bolts | unmarked with insulating plate horizontal | marked with insulating plate horizontal |
| 25.166.3253.0<br>25.166.3353.0                    | 25.176.0253.0<br>25.176.0353.0                 | 25.167.6253.0<br>25.167.6353.0            | 25.166.6253.0<br>25.166.6353.0          |
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wiecon

# wiecon PCB

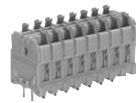
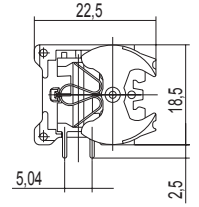
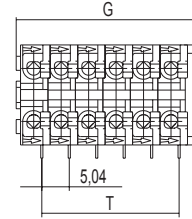
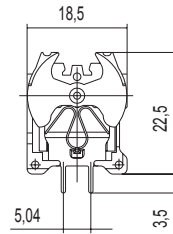
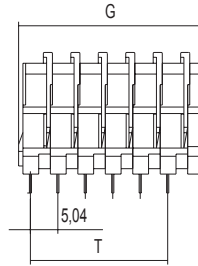
Rated cross section:  
1.5 mm<sup>2</sup>

Rated current:  
16 A

(related to an ambient temperature of 20 °C,  
the rated cross section and max. number of poles)

Connection range:  
0.50 – 2.5 mm<sup>2</sup> solid/  
0.50 – 1.5 mm<sup>2</sup> fine stranded

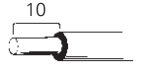
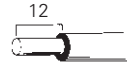
250 V/4 kV/3 – Overvoltage category III



Solder pin 0.8 x 0.4 mm  
Bore hole Ø 1.3 mm



Solder pin 0.8 x 0.4 mm  
Bore hole Ø 1.3 mm



## Type 8152 TOP V

## Type 8152 TOP H

Rated voltages VDE 0110

UL ratings

CSA ratings

Approvals

field wiring

No. 26 – 14 AWG

No. 22 – 14 AWG



300 V 10 A

300 V 10 A

No. 26 – 14 AWG

No. 22 – 14 AWG



300 V 10 A

300 V 10 A

| Std. pack               | G     | T     | Poles | Part no.      | Part no.      |
|-------------------------|-------|-------|-------|---------------|---------------|
| <b>Spacing: 5.00 mm</b> |       |       |       |               |               |
| 100                     | 8.34  | 5.04  | 1     | 27.720.0153.0 | 27.730.0153.0 |
| 100                     | 13.38 | 10.08 | 2     | 27.720.0253.0 | 27.730.0253.0 |
| 100                     | 18.42 | 15.12 | 3     | 27.720.0353.0 | 27.730.0353.0 |
| 50                      | 23.46 | 20.16 | 4     | 27.720.0453.0 | 27.730.0453.0 |
| 50                      | 28.50 | 25.20 | 5     | 27.720.0553.0 | 27.730.0553.0 |
| 50                      | 33.54 | 30.24 | 6     | 27.720.0653.0 | 27.730.0653.0 |
| 50                      | 38.58 | 35.28 | 7     | 27.720.0753.0 | 27.730.0753.0 |
| 50                      | 43.62 | 40.32 | 8     | 27.720.0853.0 | 27.730.0853.0 |
| 50                      | 48.66 | 45.30 | 9     | 27.720.0953.0 | 27.730.0953.0 |
| 50                      | 53.70 | 50.40 | 10    | 27.720.1053.0 | 27.730.1053.0 |
|                         |       |       |       |               |               |
|                         |       |       |       |               |               |
|                         |       |       |       |               |               |