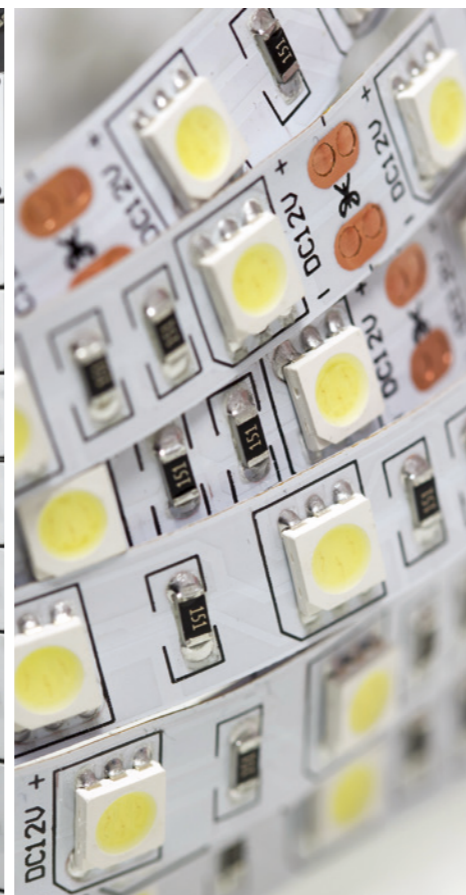
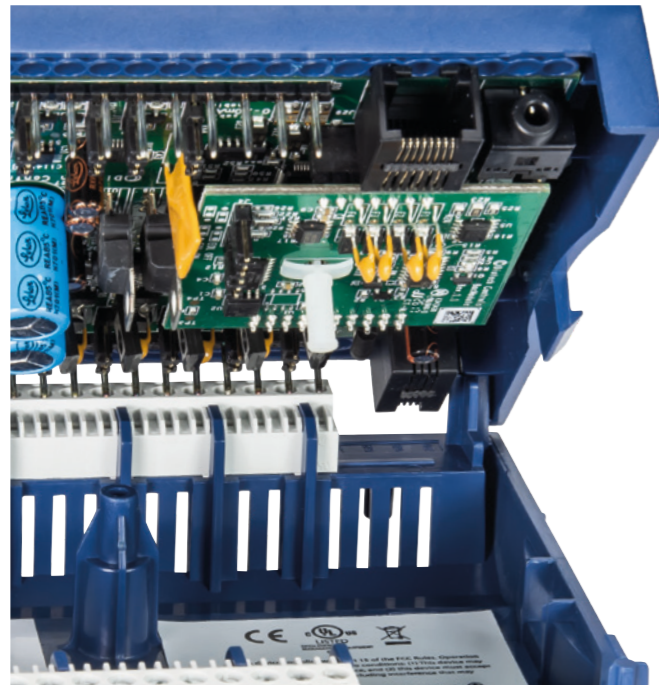
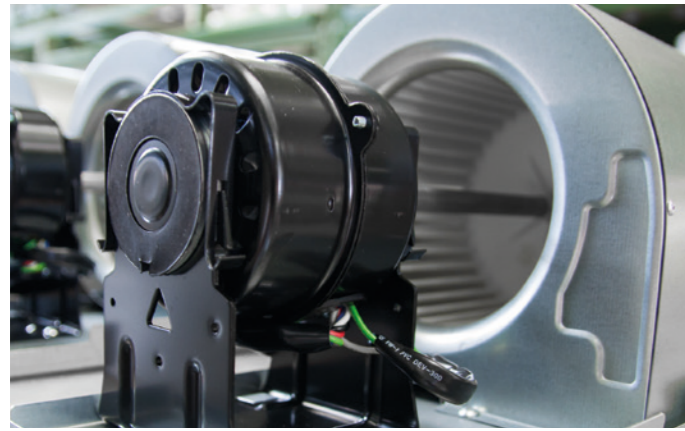


wiecon

AT A **GLANCE**

Printed circuit board terminals
and connectors overview.



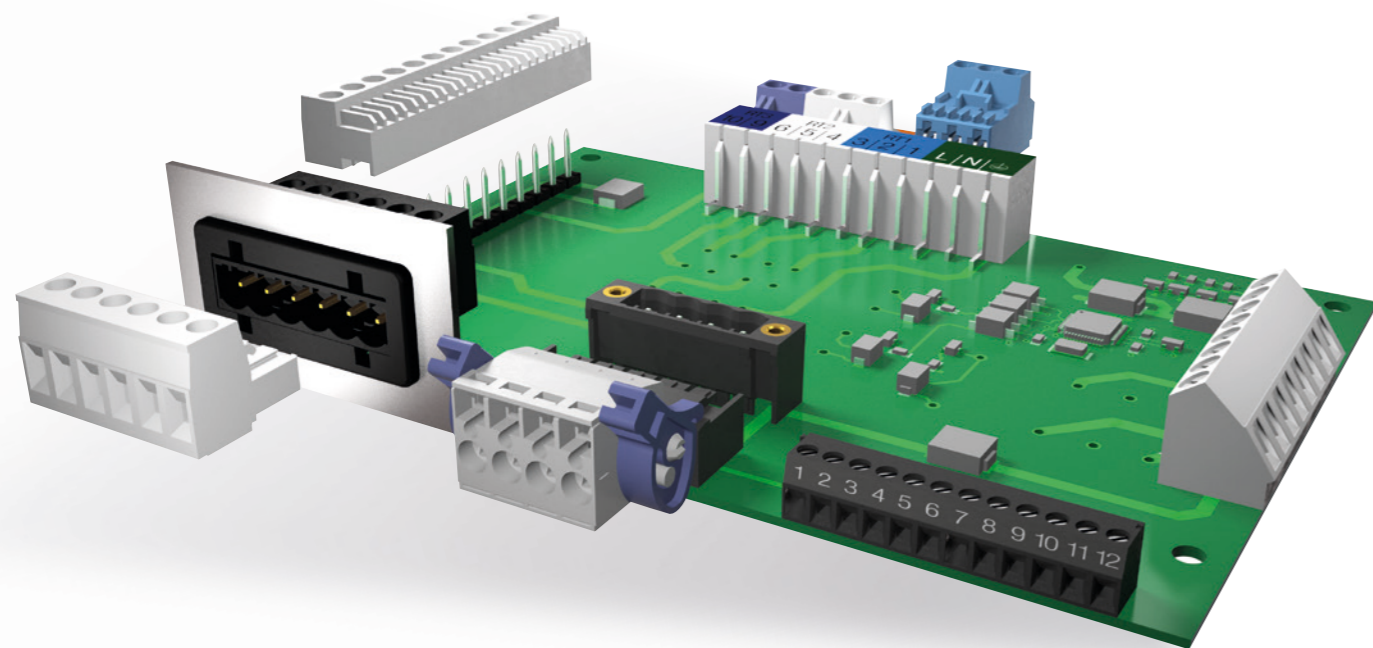
CONTENT

- 04** wiecon Portfolio
- 06** wiecon areas of application
- 07** Connect safely and comfortably – Connection technologies at a glance
- 08** Simple contacting - direct plug-in technology explained
- 10** Efficient placement - THR Technology explained
- 14** Printed circuit board connectors – Safe, compact and yet highly-functional
- 24** RAST 5 terminals – Standardized products in 5 mm pitch
- 26** Printed circuit board terminals – Universal connection technology for the highest current and voltage requirements
- 32** wiecon FSC – Super-Fast signal distribution
- 34** Domestic appliance standard + facts on No Flame
- 36** RAST 5 Coding matrix and combination possibilities
- 38** Smart servicing + services
- 39** Information and contacts



CONTACTING THE PCB IS EASY WITH WIECON.

Are you looking for the right contacting for circuit boards or in the control cabinet? We have the best solution for you. The “wiecon” portfolio offers you numerous products with a wide variety of connection technologies. Whether service-friendly connectors or proven circuit board terminals, at Wieland you will find the right products for power, data and signal transfer.



NO FLAME

According to glowing wire test, according to household appliance standard DIN EN/IEC 60335-1. The housing material used was tested by the VDE and has passed the required glowing wire tests. It therefore fulfills the requirements of the stricter household appliance standard.



ROHS-COMPLIANT

These articles comply with the EU Directive (2011/65/EU) on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), which does not contain such substances above the permitted concentration limits.

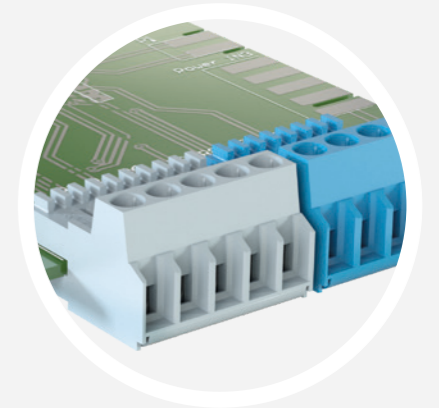


TAPE-ON-REEL

This product is available packed on a Tape-on-Reel. For information about the number of poles, item numbers, reel widths, belt heights and packaging units, please see the data sheet in our eShop.

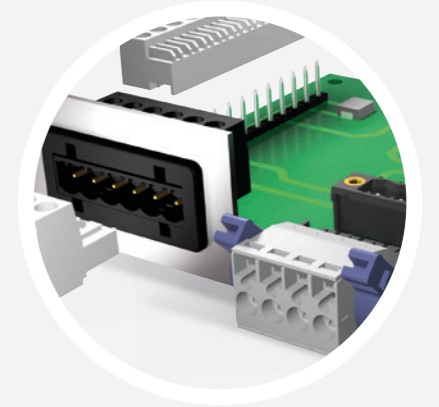
DIRECT PLUGGING TECHNOLOGY

- Wire cross-sections from 0.14 mm² to 4 mm²
- For currents up to 12 A and voltages up to 320 V
- Various circuit board thicknesses possible (1.4 – 1.8 mm)
- Direct contacting of the circuit board
- Clamping yoke connection for easy reconnection
- Modular spacing 3.5 mm and 5.0 mm



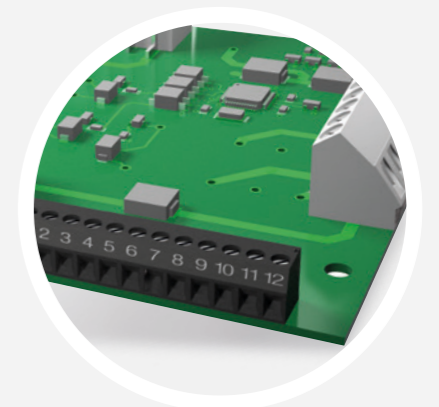
PCB CONNECTORS

- Wire cross-sections from 0.14 mm² to 4 mm²
- For currents up to 12 A and voltages up to 1000 V
- With screw, tension spring or push-in connection
- Various connection directions and configurations
- Modular spacing 2.5 mm to 7.62 mm



PCB TERMINALS

- Wire cross-sections from 0.14 mm² to 16 mm²
- For currents up to 76 A and voltages up to 1000 V
- With screw, tension spring or push-in connection
- Various connection directions and configurations
- Modular spacing 3.5 mm to 10.16 mm or 20.32 mm



FSC: THE PLUGGABLE SIGNAL CABLING

- “Fast signal connection” – a complete system, compact and tailored to your needs
- Transfer data easily, quickly and securely and install in space-saving fashion
- For currents up to 3 A and voltages up to 24 V
- Up to 32 coding options
- IP 54



WIECON USE IN PRACTICE.

We offer the right solution for your application.

Whether the latest heating systems, state-of-the-art compressors or safety technology in mechanical engineering, with our wiecon printed circuit board terminal program we offer you varied, reliable and service-friendly solutions.

SAFETY + SECURITY

- FSC system
- Housing systems type WEB1001/1002 and wiebox
- Printed circuit board connectors type 8113, 8213, 8513
- Pluggable printed circuit board terminals type 8142
- Printed circuit board terminals 8562 N and 7060 SMD



HEATING, VENTILATION, AIR CONDITIONING

- RAST 5 system type 8105
- Printed circuit board connectors type 8113, 8213, 8513, 8813
- Printed circuit board terminals type 8191 R
- Pluggable printed circuit board terminals type 8142 Z
- Direct connectors type DST 85, 8105 DST



FOR THE WIND POWER SECTOR

- Printed circuit board connectors type 8113, 8213, 8513
- Printed circuit board terminals type 8191, 8291



IN THE LIGHTING SECTOR

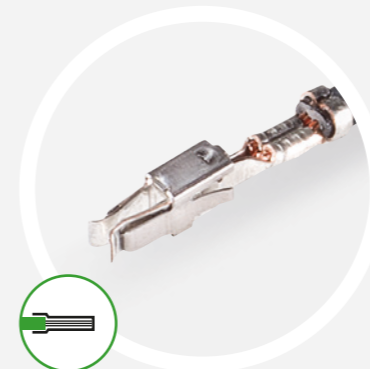
- Printed circuit board direct connectors type LST
- Printed circuit board connectors type 8513 (also as flying connection)
- Printed circuit board terminals type 8593, 8562 N, 7060 SMD



CONNECTION TECHNOLOGY

Connect safely and comfortably.

Regardless of which connection technology you prefer or require, the Wieland product portfolio always offers you just the right high-quality connection components in the right model.



Crimp connection



Screw connection with rising cage clamp system



Screw connection with wire protection



Front/Top screw connection



Push-in spring terminal with push-button



Tension spring connection



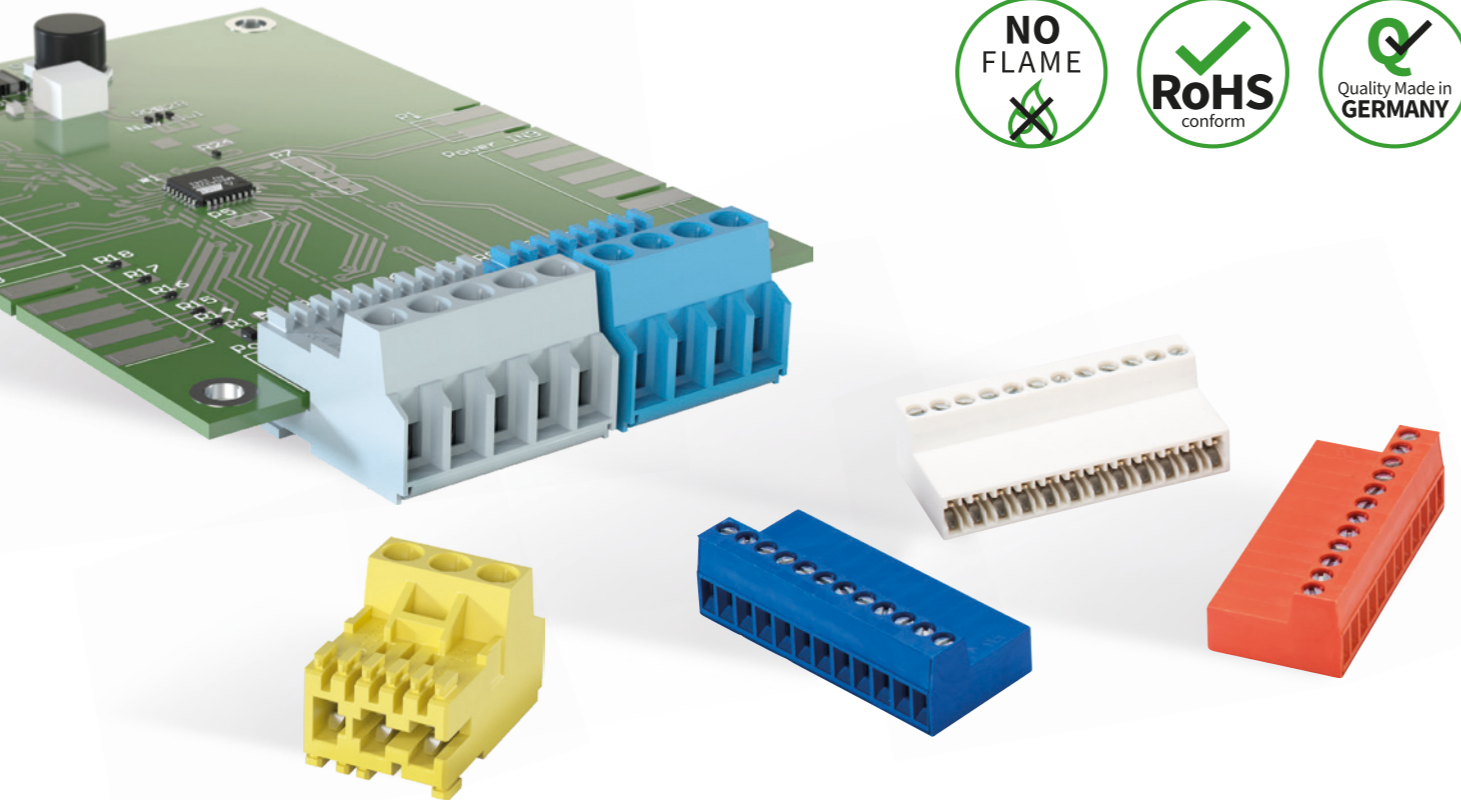
Insulation displacement connection (IDC)

TOOL-FREE THANKS TO DIRECT PLUG-IN TECHNOLOGY

Connect PCB connectors directly to the board without soldering – the new comfortable and space-saving connection possibility.

By using our PCB terminals that can be plugged directly into the PCB, you as a product designer or developer can create added value for your systems. The increasingly compact designs of control units in heating and machine building or in building technology require new solutions.

The direct plug-in technology saves a lot of space, offers safe contacting and, in addition, has a great potential to save time and money, as the pin or male connector can be dispensed with.



BENEFITS

- + Simplified purchasing – only 1 component
- + No soldering necessary
- + Different circuit board thicknesses possible (1.4 – 1.8 mm)
- + Proven clamping yoke connection technology enables multi-wire connections



APPLICATION AREAS

Our direct plug-in terminals are used in control systems for the following areas:

- Heating
- Buildings
- Machines
- Home appliances



FEATURES

- No headers required – simply plug directly into the circuit board
- Side by side mounting without loss of poles
- Uses plastic material especially for DIN EN 60335-1 No Flame, in different colors
- No entry chamfer necessary on the board, thus the circuit plate becomes more cost-effective
- Underplug protection prevents plugging mistakes
- Exchangeable coding inserts enable many coding options

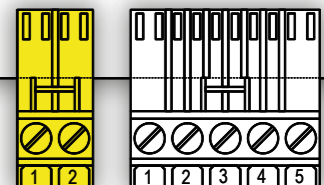
TEST AND SEE

Order our sample printed circuit board and see for yourself the many advantages of the new directly pluggable 8105 DST printed circuit board terminal. All the important dimensions and order numbers can be seen straight away and immediately show you that you too can benefit from this product.

Test 1:1 with our free-of-charge sample printed circuit board. Sample board Art. No.: **99.335.0000.0**



| 8105 DST | |
|--------------------------------|--|
| Type | 8105 DST |
| For boards with | 1.4 - 1.8 mm thickness |
| Number of poles | 2 - 7 poles |
| Part number | Customer specific |
| Color | Customer specific |
| Pitch | 5 mm |
| Cross section | Fine stranded 0.14 mm ² - 2.5 mm ² |
| | Solid 0.14 mm ² - 4.0 mm ² |
| | AWG AWG 26 - 12 |
| Rated Current | 12 A |
| Rated insulation voltage III/2 | 320 V |
| Tightening torque | 0.5 - 0.7 Nm |
| Wire strip length | 7 mm |
| Sample board | 99.335.0000.0 |



THR TECHNOLOGY

The efficient process for printed circuit board fitting.

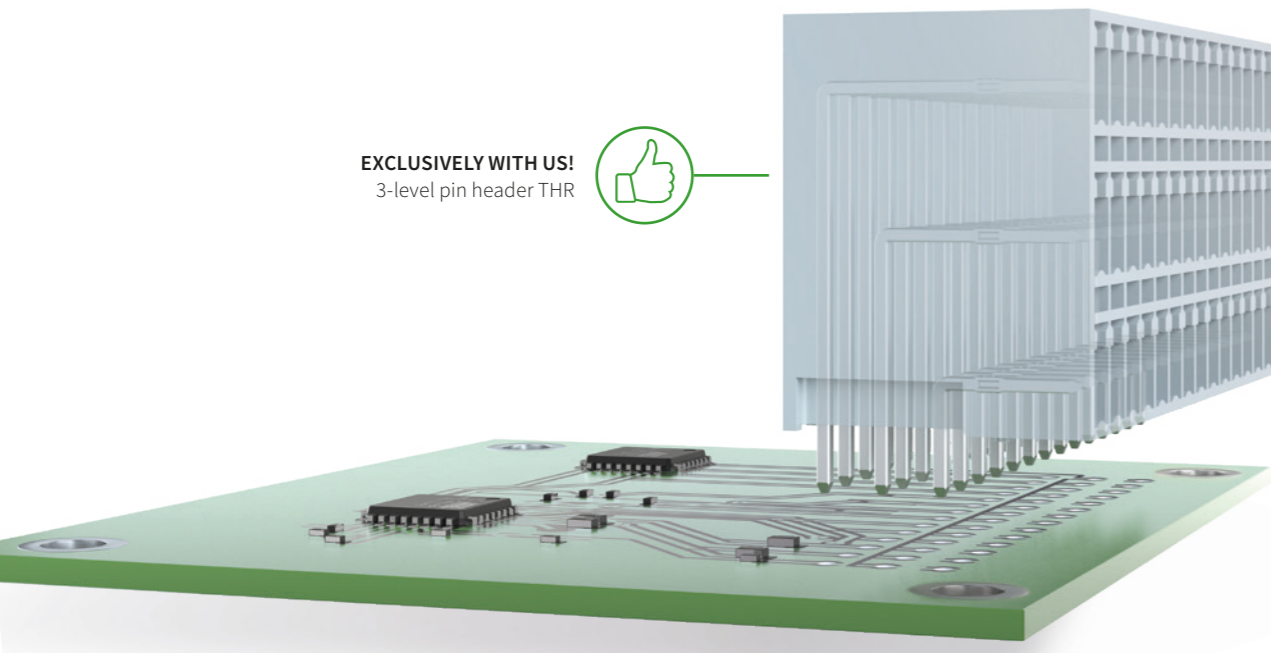
With "Through Hole-Reflow Soldering," wired components of high-temperature-resistant material such as printed circuit board terminals, capacitors and resistances are soldered to the circuit board. In contrast to SMDs (Surface Mounted Devices), the THR components are placed with through-hole contacts in prepared holes, which are filled with soldering paste, and they then run through the reflow soldering process. Here, the printed circuit board fitted with SMDs or THR components are moved at constant speed through different temperature zones: Pre-heating, reflow, cooling off in the soldering furnace. The heating of the components, the printed circuit board and the soldering point are done primarily through convection or in the vapor phase process.

FEATURES

With THR, wired components and SMT components can be processed

- In one step
- In the same process
- With the same equipment
- Under the same conditions

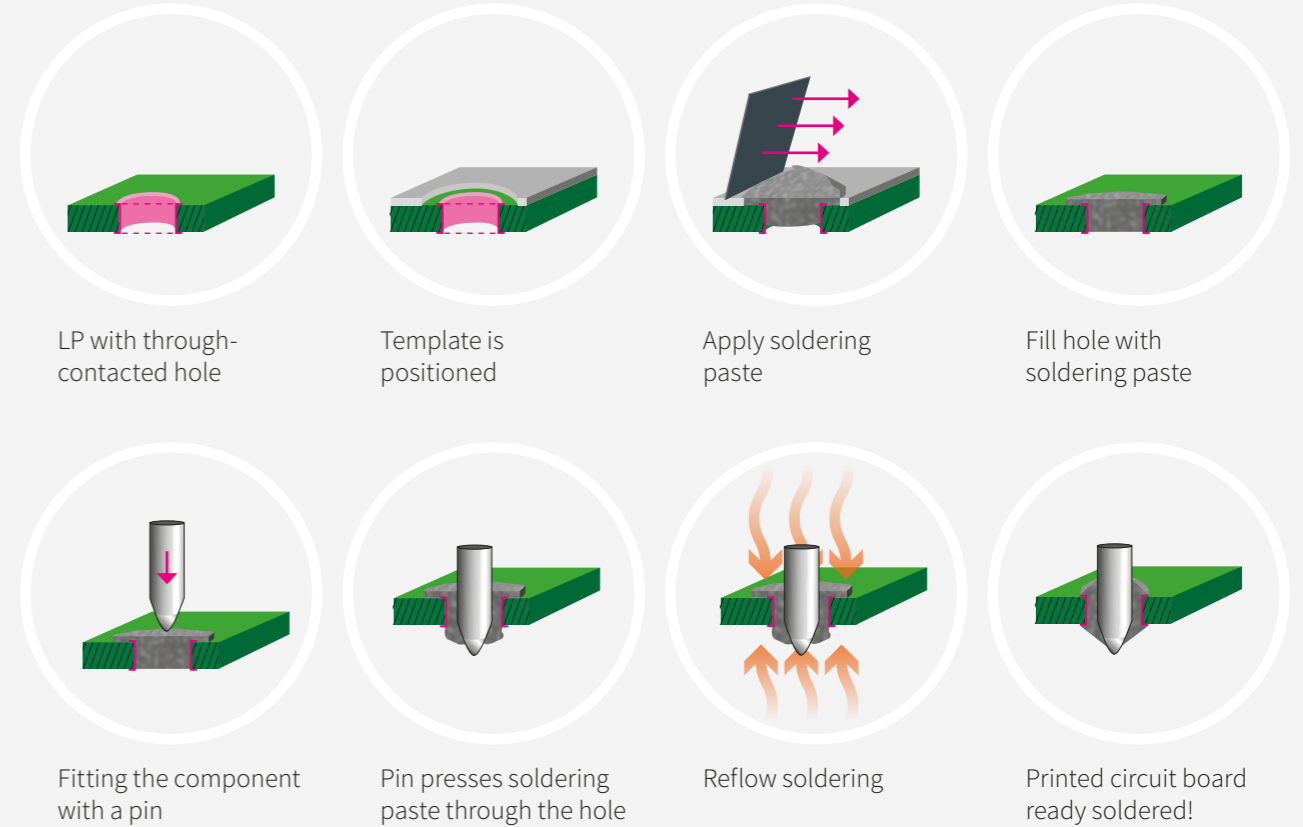
EXCLUSIVELY WITH US!
3-level pin header THR



BENEFITS OF AUTOMATION

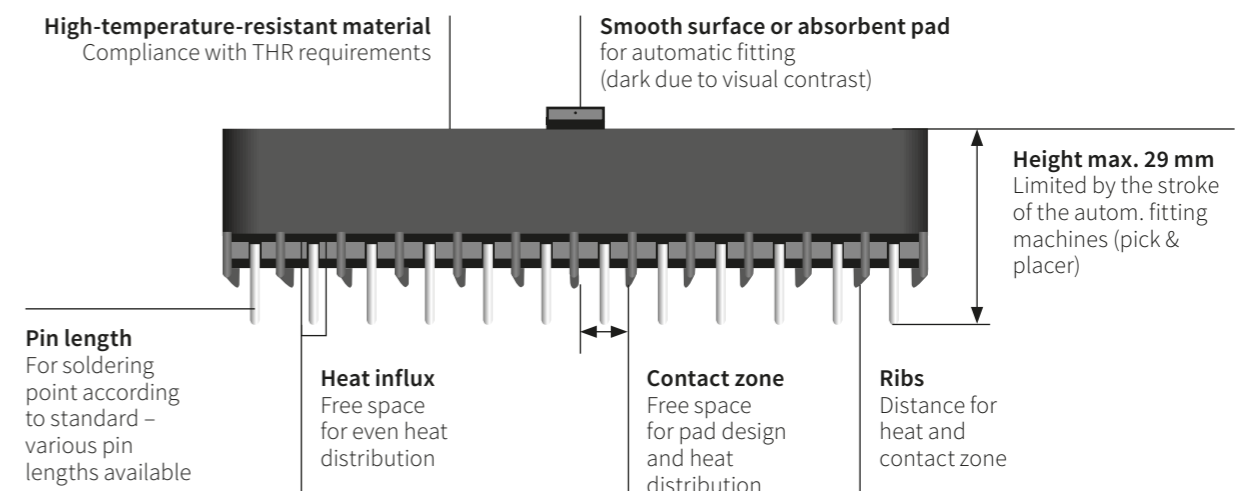
- + Reduction of production costs
- + Reduction of variants – THR parts are also suited for wave soldering
- + Sparing of process steps – more time for your core business

THR PRODUCTION STEPS



THR REQUIREMENTS

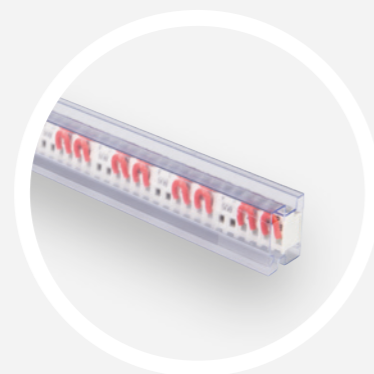
The most important requirements of THR components arise from the automatic fitting capability, the optimal heat distribution on the pin and the THR temperature profile.



THR PACKAGING



Tray
Use in series production for 12- and multi-pole parts



Magazine
Series production especially for unshaped products (e.g. with jumper)



Tape on Reel
Series production of 2- to 12-pole parts



Box
Samples, zero series at the customer

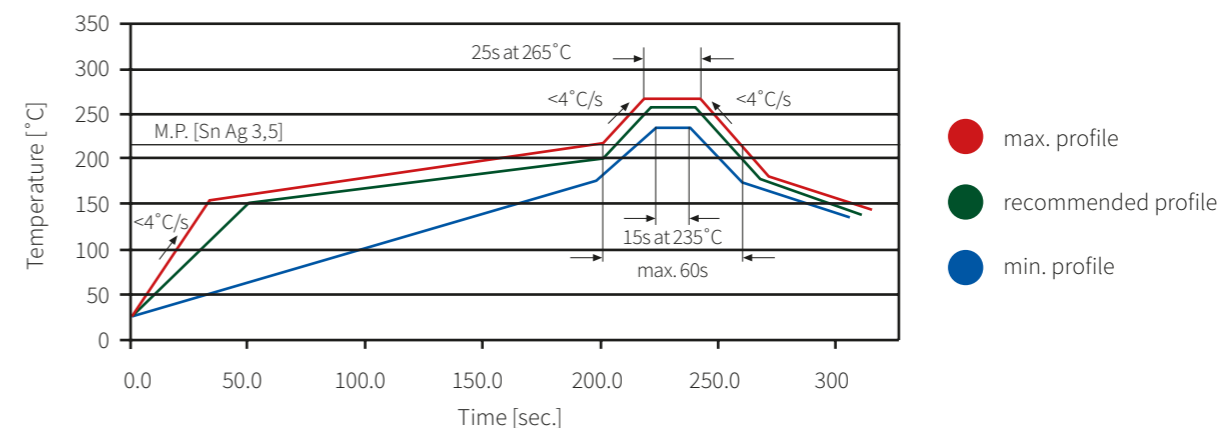


Important for your order:
The Wieland numbering system: **THR part numbers can be distinguished using the second and third place of the part number 25.195.02xy.0**

- **Pin length y:**
6 = 2.6 mm pin length
8 = 1.5 mm pin length
- **Packaging x:**
0 = Box packaging
1 = Tape-on-reel packaging
- **Number of poles:**
2 = 2-pole

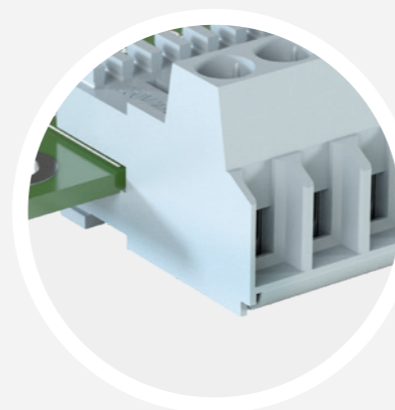
THR TEMPERATURES

Recommendations (borrowing from DIN EN 61760-1).



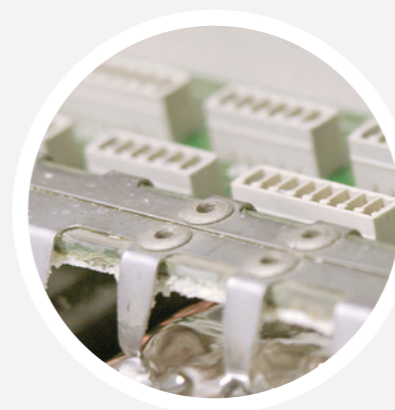
FOR ALL OTHER CASES.

Additional processes for contacting the printed circuit board.



DIRECT PLUGGING TECHNOLOGY

Direct plugging technology is a solder-free assembly technology that requires no header. The connector contacts directly on the defined contact pads at the edge of the printed circuit board.



WAVE SOLDERING

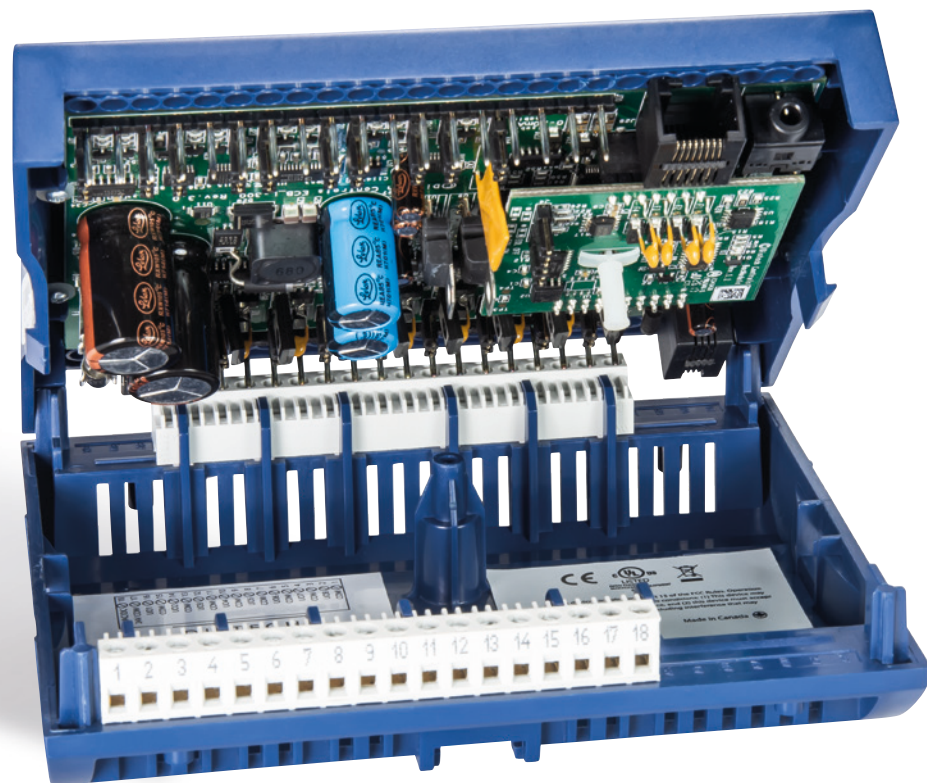
The classic soldering process for manufacturing electronic assemblies that are fitted mainly with wired assemblies. Characteristic of this process is that the soldered contact protrudes at least 1 mm from the underside of the printed circuit board.

PRINTED CIRCUIT BOARD CONNECTORS

Safe, compact and yet highly-functional.

With PCB connectors, the device becomes more service-friendly for conductor and device replacement. The free selection of the connection technology allows solutions for a wide variety of applications.

It is precisely in building and HVAC technology that the pluggable PCB terminals are used. Their compact design also offers you the benefit of pluggability.



FEATURES

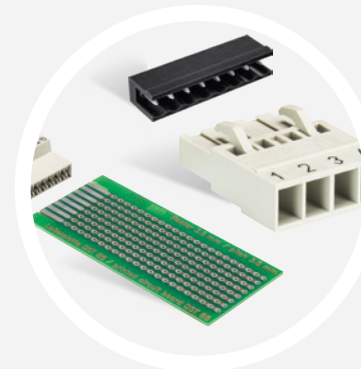
- Cross-sections from 0.14 mm² to 4 mm²
- For currents up to 12 A and voltages up to 1000 V
- Connection technology in screw, spring and push-in connection
- Pitches 3.5 mm to 7.62 mm
- Codeable
- THR products and No Flame variants available
- Snap-in variants
- Female connectors can be arranged in a pitch



BENEFITS OF THE PLUGGABILITY

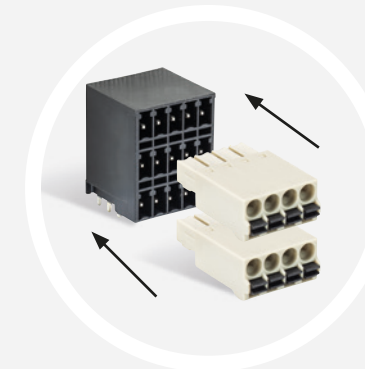
- + Decentralized creation of assemblies
- + Prevention of cabling mistakes
- + Easy disassembly for service purposes
- + Simple conductor connection for tight spaces

OVERVIEW BENEFITS



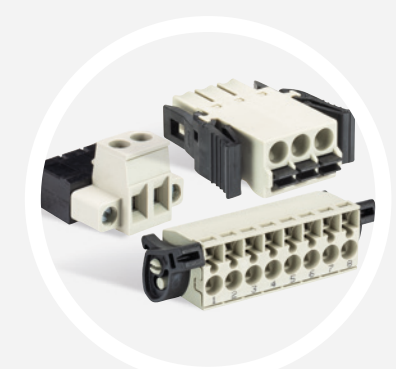
Space-saving

Optimized for the largest cross-sections with the smallest space requirements



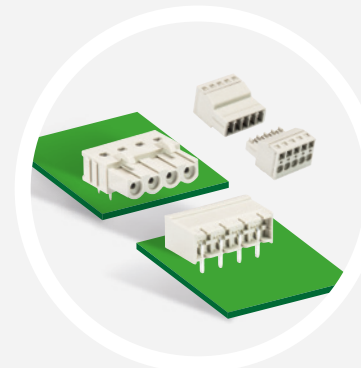
Multi-level plug connectors

Increasing of the number of clamp positions thanks to several levels



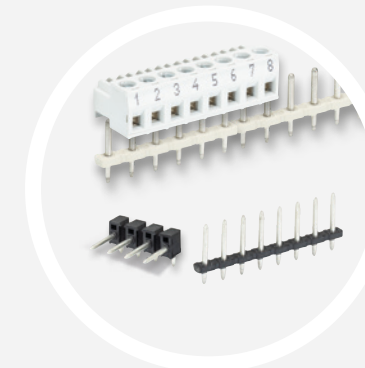
Innovative interlocking

Lock and release interlocking, screw flange and locking flange



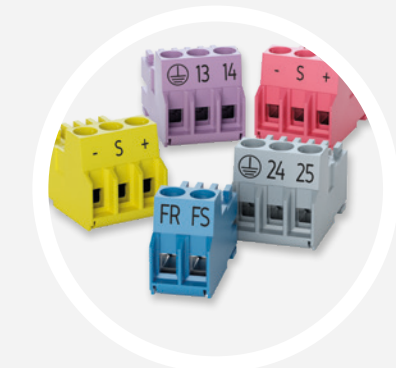
Combination possibilities

Wire to board, wire to wire and board to board connections



Free choice of connection technology

for individual connection options



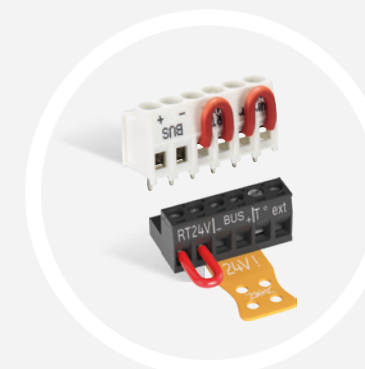
Clear assignment

Color distinction with customer-specific printing



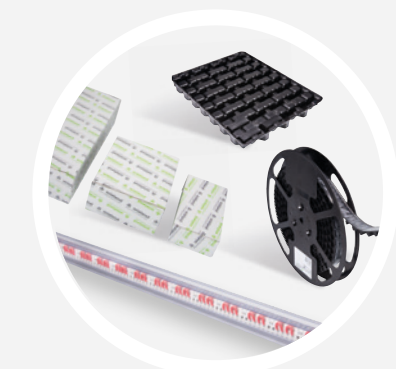
Mechanical coding, pluggable or molded coded

Special coding tab and profiles prevent plugging mistakes



Specially fitted

E.g. with internal jumpering, jumpers, empty poles, extraction aid



Well-packaged

Always kept safely with tape-on-reel, magazine, tray or in box packaging

EXPRESS SAMPLE DELIVERY

Our sample service for you!

You are interested in our wiecon PCB terminals portfolio and would like to test the product features live? We would be pleased to send you samples of all the articles mentioned in this brochure without obligation. All articles are delivered in a sample box.

Technical support PCB terminals

Phone: +49 951 9324-994



48 h

Express delivery of samples within Europe



3D

Data, drawings technical documents available online



2-16

Sample available in the pole numbers 2 to 16. 17 to 24-pole on request



2

Find the right product in only 2 steps in our shop

Printed circuit board connectors

THT headers

**7.5 mm
PITCH**



| | 8313 S/...G | 8313 S/...W |
|---------------------------------------|--|---------------|
| Item no. standard | 25.370.3853.0 | 25.372.3753.0 |
| Item no. flange | 25.374.6853.0 | 25.374.2453.0 |
| mm ² / AWG (fine-stranded) | Depending on the female connector used | |
| Current A | IEC/UL/CSA | |
| Voltage ¹⁾ V | IEC/UL/CSA | |

2.5 mm² connector

**7.5 mm
PITCH**



| | 8313 B |
|---------------------------------------|----------------------------|
| Item no. standard | 25.360.3553.0 |
| Item no. flange | 25.324.2253.0 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 |
| Current A | IEC/UL/CSA 12 / 15 / 15 |
| Voltage ¹⁾ V | IEC/UL/CSA 690 / 300 / 300 |

THT headers

**7.62 mm
PITCH**



| | 8413 S/...G | 8413 S/...W |
|---------------------------------------|--|---------------|
| Item no. standard | 25.390.3853.0 | 25.392.3853.0 |
| Item no. flange | 25.398.6853.0 | 25.398.2853.0 |
| mm ² / AWG (fine-stranded) | Depending on the female connector used | |
| Current A | IEC/UL/CSA | |
| Voltage ¹⁾ V | IEC/UL/CSA | |

2.5 mm² connector

**7.62 mm
PITCH**



| | 8413 B | 8413 B VR | 8413 B VL | 8413 BFK |
|---------------------------------------|----------------------------|----------------------|----------------------|----------------------|
| Item no. standard | 25.380.3753.0 | 25.385.2653.0 | 25.386.2353.0 | 25.880.3653.0 |
| Item no. flange | 25.324.6853.0 | | | 25.881.3853.0 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 |
| Current A | IEC/UL/CSA 12 / 15 / 15 | 12 / 15 / 15 | 12 / 15 / 15 | 12 / 15 / 15 |
| Voltage ¹⁾ V | IEC/UL/CSA 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 |

¹⁾ Rated voltage for overvoltage category III / pollution degree 2

Connection types



Tension spring connection



Screw connection with rising cage clamp



No Flame Material

2.5 mm PITCH

| | |
|---------------------------------------|------------|
| Item no. standard | |
| Item no. flange | |
| mm ² / AWG (fine-stranded) | |
| Current A | IEC/UL/CSA |
| Voltage ¹⁾ V | IEC/UL/CSA |

THT headers



| 8513 S/...G | 8513 S/...W | 8513 SEG |
|---------------|---------------|---------------|
| 25.646.0853.0 | 25.647.0853.0 | 27.647.0853.1 |
| 25.646.3853.0 | 25.647.3853.0 | |

Depending on the female connector used

3.5 mm PITCH

| | |
|---------------------------------------|------------|
| Item no. standard | |
| Item no. flange | |
| mm ² / AWG (fine-stranded) | |
| Current A | IEC/UL/CSA |
| Voltage ¹⁾ V | IEC/UL/CSA |

THT headers



| 8813 S/...G | 8813 S/...W |
|---------------|---------------|
| 25.626.0853.0 | 25.627.0853.0 |
| 25.626.3453.0 | 25.627.3853.0 |

Depending on the female connector used

3.81 mm PITCH

| | |
|---------------------------------------|------------|
| Item no. standard | |
| Item no. flange | |
| mm ² / AWG (fine-stranded) | |
| Current A | IEC/UL/CSA |
| Voltage ¹⁾ V | IEC/UL/CSA |

THT headers



| 8113 S/...G | 8113 S/...W | 8113 S/...GOF | 8113 S/...WOF | 8113 S/...S1 | 8113 SE/...G | 8113 SE/...W |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 25.330.3853.0 | 25.332.3853.0 | 99.208.9996.0 | 99.268.9996.0 | 25.394.3853.0 | 25.334.3353.0 | 25.336.3353.0 |
| 25.338.3453.0 | 25.339.3853.0 | | | | | |

Depending on the female connector used

Depending on the female connector used

5.0 mm PITCH

| | |
|---------------------------------------|------------|
| Item no. standard | |
| Item no. flange | |
| mm ² / AWG (fine-stranded) | |
| Current A | IEC/UL/CSA |
| Voltage ¹⁾ V | IEC/UL/CSA |

THT headers



| 8213 S/...G | 8213 S/...W | 8213 S/...GOF | 8213 S/...WOF | 8213 S/...S1 | 8213 SE/...G | 8213 SE/...W |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 25.350.3853.0 | 25.352.3853.0 | 99.236.9996.1 | 99.208.9996.2 | 25.396.3853.0 | 25.354.3353.0 | 25.356.3253.0 |
| 25.359.3453.0 | 25.358.4053.0 | | | | | |

Depending on the female connector used

Depending on the female connector used

Board to Board

Inv. THT connector



| 8213 BL/...G | 8213 BL/...W |
|---------------|---------------|
| 25.342.3653.0 | 25.343.3353.0 |
| | |

12 / 15 / 15
690 / 300 / 300

12 / 15 / 15
690 / 300 / 300

THR headers²⁾



| 7013 S/...W THR | 7013 S/...G THR |
|-----------------|-----------------|
| 27.625.0304.0 | 27.624.0304.0 |

Depending on the female connector used

THR headers²⁾



| 8513 S/...G THR | 8513 S/...W THR | 8513 SEGN/...G THR | 8513 SEGN/...W THR | 8513 SDGN/...G THR | 8513 SDGN/...W THR |
|-----------------|-----------------|--------------------|--------------------|--------------------|--------------------|
| 25.646.0808.0 | 25.647.0806.0 | 25.656.0808.0 | 25.657.0808.0 | 25.666.0806.0 | 25.667.0506.0 |
| | | 25.656.6808.0 | 25.657.6708.0 | 25.666.6806.0 | 25.667.6806.0 |

Depending on the female connector used

Depending on the female connector used

THR headers²⁾



| 8813 S/...G THR | 8813 S/...W THR |
|-----------------|-----------------|
| 27.626.0808.0 | 27.627.0808.0 |
| Upon request | Upon request |

Depending on the female connector used

THR headers²⁾



| 8113 S/...G THR | 8113 S/...W THR |
|-----------------|-----------------|
| 25.330.3406.0 | 25.332.3406.0 |

Depending on the female connector used

THR headers²⁾



| 8213 S/...G THR | 8213 S/...W THR | 8213 S/...GOF THR | 8213 S/...WOF THR |
|-----------------|-----------------|-------------------|-------------------|
| 25.350.3606.0 | 25.352.3406.0 | 26.350.3606.0 | 26.352.3806.0 |
| 25.359.3306.0 | 25.358.3806.0 | | |

Depending on the female connector used

Inv. connector



| 8213 SUFK |
|--|
| 25.857.3553.0 |
| 0.2 - 2.5 / 22 - 12 12 / 12 / 12 400 / 300 / 300 |

0.5 mm² connectors



| 7013 BSP |
|--|
| 27.622.3353.0 |
| 0.08 - 0.5 / 28 - 20 - / 4 / 4 - / 150 / 150 |

1.5 mm² connectors



| 8513 B | 8513 BFK | 8513 B5 | 8513 BSP |
|----------------------|----------------------|---------------------|----------------------|
| 25.640.3853.0 | 25.630.3853.0 | 27.630.3253.0 | 27.632.3353.0 |
| 25.641.3853.0 | 25.631.3853.0 | 27.631.3353.0 | |
| 0.14 - 1.5 / 30 - 16 | 0.14 - 1.5 / 30 - 16 | 0.2 - 1.5 / 24 - 16 | 0.14 - 1.5 / 28 - 16 |
| 8 / 8 / 5 | 8 / 8 / 5 | - / 4 / 4 | - / 8 / 8 |
| 250 / 300 / 300 | 250 / 300 / 300 | - / 150 / 150 | - / 300 / 300 |

1.5 mm² connectors



| 8813 B | 8813 BVR | 8813 BVL | 8813 BSP |
|----------------------|----------------------|----------------------|----------------------|
| 25.620.3853.0 | 25.622.3853.0 | 25.624.3853.0 | 27.642.3353.0 |
| 25.621.3853.0 | 25.623.3453.0 | 25.625.3853.0 | |
| 0.14 - 1.5 / 30 - 16 | 0.14 - 1.5 / 30 - 16 | 0.14 - 1.5 / 30 - 16 | 0.14 - 1.5 / 28 - 16 |
| 8 / 8 / 5 | 8 / 8 / 5 | 8 / 8 / 5 | - / 8 / 8 |
| 250 / 300 / 300 | 250 / 300 / 300 | 250 / 300 / 300 | - / 300 / 300 |

2.5 mm² connectors



| 8113 B | 8113 BVR | 8113 BVL | 8113 BFK | 8113 BSP | 8113 BK |
|---------------------|---------------------|---------------------|---------------------|----------------------|------------------------|
| 25.320.3853.0 | 25.325.3853.0 | 25.326.3453.0 | 25.820.3853.0 | 27.652.3353.0 | 01.060.3853.0 Housing |
| 25.322.3853.0 | | | 25.821.3853.0 | | 02.125.1727.0 Contacts |
| 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 22 - 12 | 0.14 - 2.5 / 26 - 12 | 0.5 - 2.5 / 21 - 12 |
| 12 / 15 / 15 | 12 / 15 / 15 | 12 / 15 / 15 | 12 / 12 / 12 | - / 10 / 10 | 12 / 15 / 13 |
| 400 / 300 / 300 | 400 / 300 / 300 | 400 / 300 / 300 | 400 / 300 / 300 | - / 300 / 300 | 400 / 300 / 300 |

2.5 mm² connectors



| 8213 B | 8213 BVR | 8213 BVL | 8213 BFK | 8213 BSP | 8213 B/...S |
|---------------------|---------------------|---------------------|-------------------------------|----------------------|---------------------|
| 25.340.3853.0 | 25.345.3853.0 | 25.346.3853.0 | 25.840.3553.0 | 27.662.3353.0 | 27.341.3553.0 |
| 25.323.3353.0 | 25.344.3853.0 | 25.349.3853.0 | 25.841.3453.0 / 25.843.0853.0 | | |
| 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 30 - 12 | 0.2 - 2.5 / 22 - 12 | 0.14 - 2.5 / 26 - 12 | 0.5 - 2.5 / 26 - 12 |
| 12 / 15 / 15 | 12 / 15 / 15 | 12 / 15 / 15 | 12 / 12 / 12 | - / 10 / 10 | 12 / 10 / 15 |
| 400 / 300 / 300 | 400 / 300 / 300 | 400 / 300 / 300 | 400 / 300 / 300 | - / 300 / 300 | 400 / 300 / 300 |

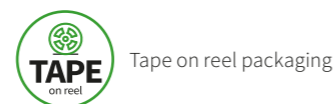
Flying connection

Inv. 1.5 mm² connector



| 8513 SU |
|--|
| 25.642.3353.0 |
| 0.14 - 1.5 / 30 - 16 8 / 8 / 5 250 / 300 / 300 |

1) Rated voltage for overvoltage category III / pollution degree 2
2) Plug connectors are available in different lengths



Connection types



Tension spring connection



Screw connection with rising cage clamp



Push-in connection

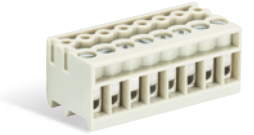
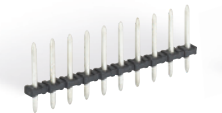




Crimp connection







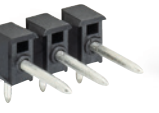


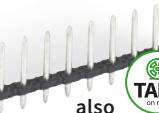
Front/Top screw connection

Pluggable Terminal Block + Headers

| | | Pluggable Terminal Block | Headers ²⁾ | |
|---------------------------------------|------------|---|--|---|
| 3.5 mm PITCH | |  |  |  |
| | | 8543 | Straight | 90° angled |
| Item no. standard | | 25.602.5853.0 | Z5.531.4025.0 | Z5.532.3825.0 |
| mm ² / AWG (fine-stranded) | | 0.1 - 1.0 / 22 - 16 | Soldered pin Ø 1 mm | Soldered pin Ø 1 mm |
| Current A | IEC/UL/CSA | 6 / 10 / 10 | Z5.531.0825.0 | Z5.532.0625.0 |
| Voltage ¹⁾ V | IEC/UL/CSA | 250 / 300 / 300 | Soldered pin Ø 0.8 mm | Soldered pin Ø 0.8 mm |

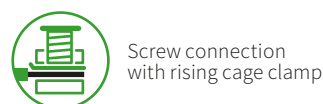
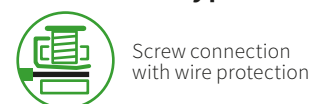
| | | Pluggable Terminal Block |
|---------------------------------------|------------|---|
| 5.0 mm PITCH | |  |
| | | 8142 |
| Item no. standard | | 25.602.2853.0 |
| mm ² / AWG (fine-stranded) | | 0.14 - 2.5 / 22 - 12 |
| Current A | IEC/UL/CSA | 8 / 13 / 15 |
| Voltage ¹⁾ V | IEC/UL/CSA | 250 / 300 / 300 |

| | | Pluggable Terminal Block | | | |
|---------------------------------------|------------|---|---|--|---|
| 5.0 mm PITCH | |  |  |  |  |
| | | 8142 Z | 8142 Z RF | 8142 ZP | 8142 ZP |
| Item no. standard | | 25.612.0356.1 | 25.613.0356.1 | 25.617.0355.0 | 25.617.2255.0 |
| Item no. flange | | | | | |
| mm ² / AWG (fine-stranded) | | 0.5 - 2.5 / 20 - 14 | 0.5 - 2.5 / 20 - 14 | 0.14 - 2.5 / AWG 26-12 | 0.14 - 2.5 / AWG 26-12 |
| Current A | IEC/UL/CSA | 3 / 3 / 3 | 3 / 3 / 3 | 12 / 12 / 12 | 16 / - / - |
| Voltage ¹⁾ V | IEC/UL/CSA | 250 / 300 / 300 | 250 / 300 / 300 | 600 / 300 / 300 | 600 / - / - |

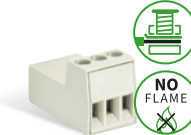

| | | Headers ²⁾ | | | |
|---------------------|--|---|---|--|---|
| 5.0 mm PITCH | |  |  |  |  |
| | | 90° angled | Straight 14.5 mm | Straight 12.0 mm | Straight THR 14.5 mm |
| Item no. standard | | Z5.540.3825.0 | Z5.530.3825.0 | Z5.529.0825.0 | Z5.530.0804.0 |
| Item no. standard | | Soldered pin Ø 1.3 mm | Soldered pin Ø 1.3 mm | Soldered pin Ø 1.3 mm | Soldered pin Ø 1.3 mm |
| | | | Z5.542.0825.0 | Z5.530.0825.0 | |
| | | | Soldered pin Ø 1.0 mm | Soldered pin Ø 1.0 mm | |


1) Rated voltage for overvoltage category III / pollution degree 2
 2) Plug connectors are available in different lengths

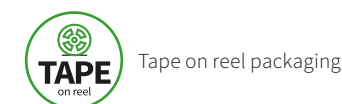
Connection types



Edge connectors

| | | Edge connectors | |
|---------------------------------------|------------|---|---|
| 3.5 mm PITCH | |  |  |
| | | DST 85 | DST LF85 |
| Item no. standard | | 25.003.0353.0 | 25.005.0353.0 |
| mm ² / AWG (fine-stranded) | | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 |
| Current A | IEC/UL/CSA | 6 / 6 / 6 | 6 / 6 / 6 |
| Voltage ¹⁾ V | IEC/UL/CSA | 250 / 300 / 300 | 250 / 300 / 300 |

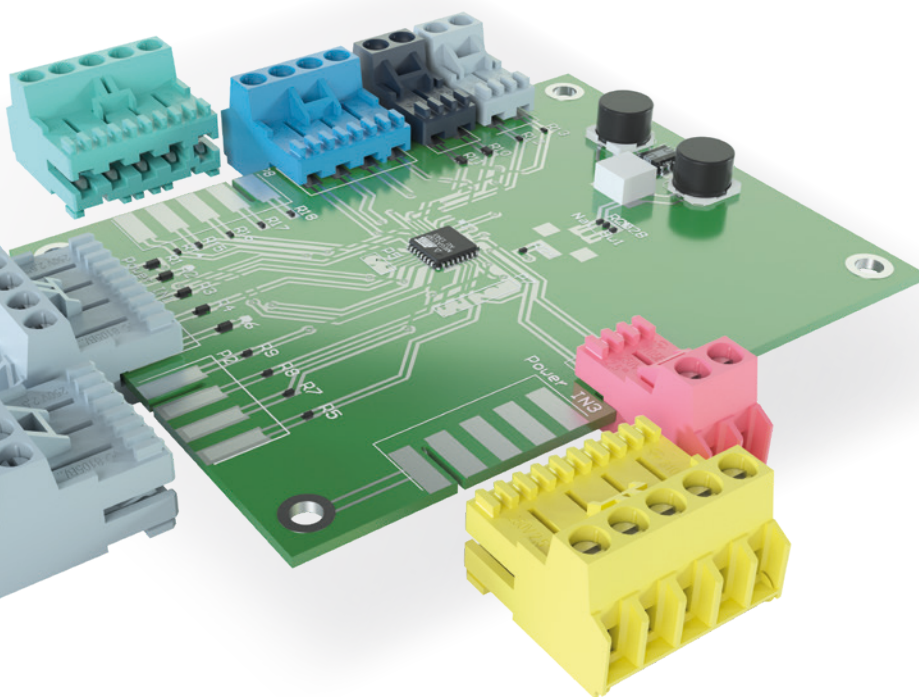
| | | Edge connectors |
|---------------------------------------|------------|---|
| 5.0 mm PITCH | |  |
| | | LPST 1 |
| Item no. standard | | 25.010.0856.0 |
| mm ² / AWG (fine-stranded) | | 0.14 - 2.5 / 22 - 14 |
| Current A | IEC/UL/CSA | 5 / 5 / 5 |
| Voltage ¹⁾ V | IEC/UL/CSA | 690 / 300 / 300 |



RAST 5 TERMINALS

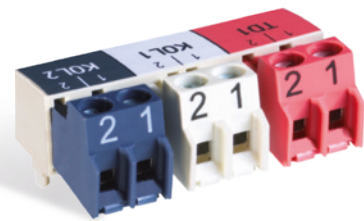
Standardized products with “pitch connection plug technology” in 5 mm pitch.

The Wieland 8105 series offers a wide variety of codings, colors and printing and sets the quality standard on the market. The available materials fulfill standard requirements as well as those of DIN EN 60335-1.



FEATURES

- Conductor cross-sections from 0.14 mm² to 4 mm²
- For currents up to 12 A and voltages up to 400 V
- With screw connection
- Can be arranged without loss of poles

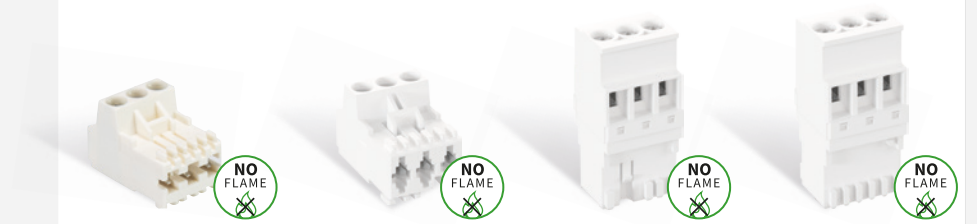


BENEFITS

- + High number of coding possibilities (see page 36)
- + Standard in the heating industry
- + Clear assignment thanks to colored insulating housings
- + With the use of No Flame parts, the requirements of DIN EN 60335-1 are fulfilled without limitations
- + Wide variety and many possibilities for customization

5.0 mm PITCH

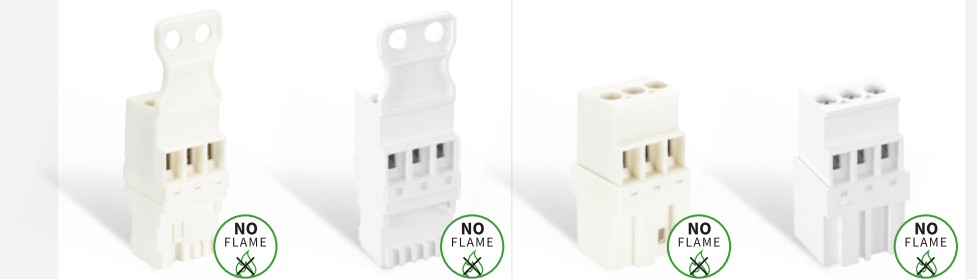
2.5 mm² socket contact



| | 8105 DST | 8105 B | 8105 B VR | 8105 B VL |
|---------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Item No. | 99.343.0000.0 | 15.000.0357.2 | 15.020.0357.2 | 15.010.0357.2 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 |
| Current A | 12 / 6 / 6 | 12 / 10 / 10 | 12 / 10 / 10 | 12 / 10 / 10 |
| Voltage ¹⁾ V | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 |

5.0 mm PITCH

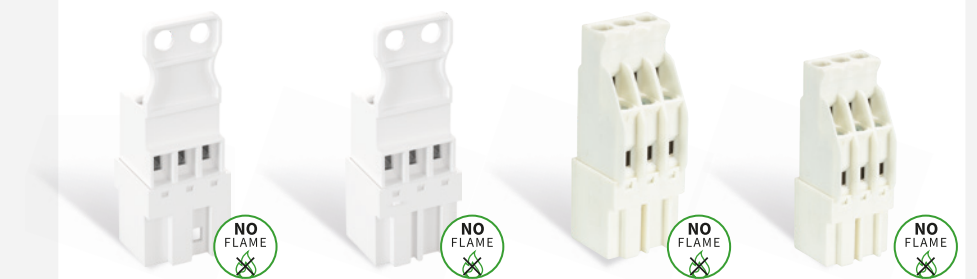
2.5 mm² socket contact



| | 8105 B VRA | 8105 B VLA | 8105 FU VR | 8105 FU VL |
|---------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Item No. | 15.040.0357.2 | 15.030.0357.2 | 15.421.0357.2 | 15.411.0357.2 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 |
| Current A | 12 / 10 / 10 | 12 / 10 / 10 | 12 / 10 / 10 | 12 / 10 / 10 |
| Voltage ¹⁾ V | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 |

2.5 mm² tab contact

5.0 mm PITCH



| | 8105 FU VRA | 8105 FU VLA | 8105 FUE VR | 8105 FUE VL |
|---------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Item No. | 15.441.0357.2 | 15.431.0357.2 | 15.521.0357.1 | 15.511.0357.1 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 | 0.14 - 2.5 / 26 - 12 |
| Current A | 12 / 10 / 10 | 12 / 10 / 10 | 12 / 10 / 10 | 12 / 10 / 10 |
| Voltage ¹⁾ V | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 | IEC/UL/CSA 400 / 300 / 300 |



Important for your order:

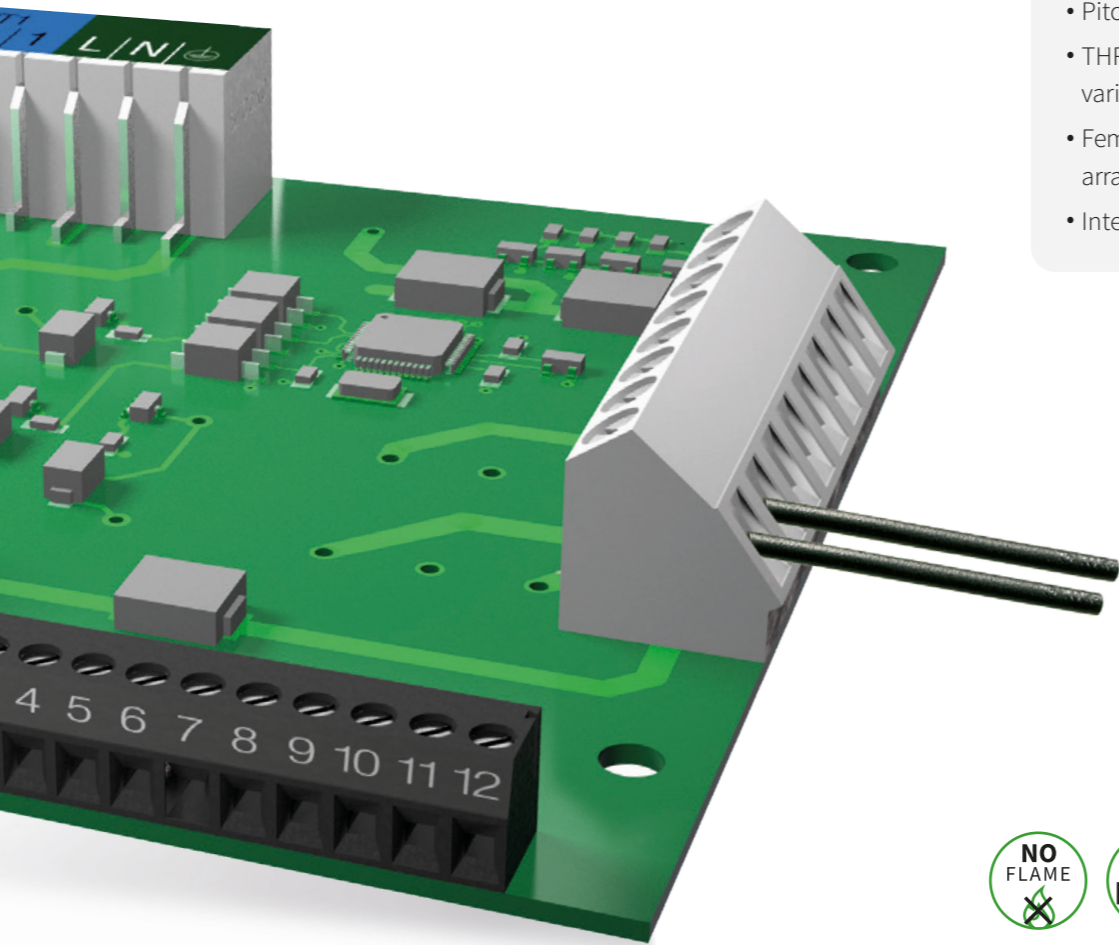
The Wieland numbering system: **No Flame parts can be distinguished using the last but one place of the part number, for example 15.000.035x.***

- 3 = Standard material
- 7 = No Flame material according to standard DIN EN60335-1
- 3 = 3-pole

PRINTED CIRCUIT BOARD TERMINALS

Universal connection technology for the highest current and voltage requirements in all applications.

Secure connection, high quality, economical solution!
The simple PCB terminal block is available in a wide number of variants and is characterized by high contact reliability.



FEATURES

- Cross-sections from 0.14 mm² to 16 mm²
- For currents up to 12 A and voltages up to 1000 V
- Connection technology in screw, spring and push-in connection
- Pitches 2.5 mm – 10.16 mm
- THR products and No Flame variants available
- Female connectors can be arranged in a pitch
- Integrated test point



BENEFITS

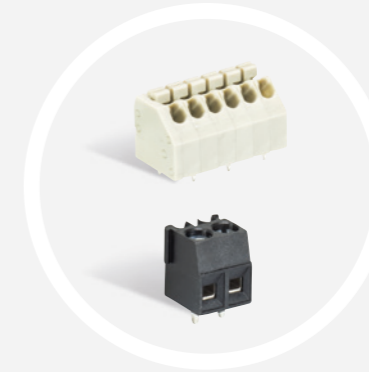
- + Secure connection and low contact resistance
- + Universal application and easily available
- + Space-saving since only one component is required for conductor connection

OVERVIEW BENEFITS



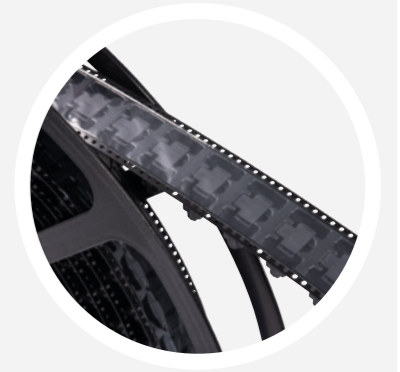
Individual markings

Printing in tamponprint or ink-jet processes, also multi-colored



Compact geometry

Best possible use of the terminal space according to the DIN size



Process-optimized packaging

Components in box packaging, tape-on-reel or tray appropriate for your process



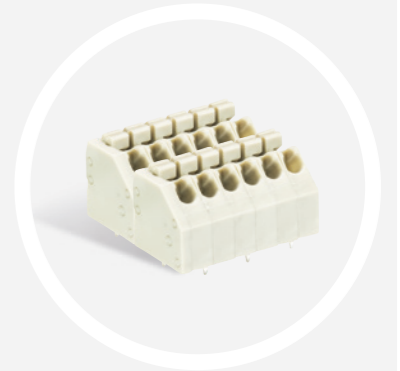
Multi-level variants

Make space thanks to high packaging and connection density



Distinguishable by color

Large number of available color variants



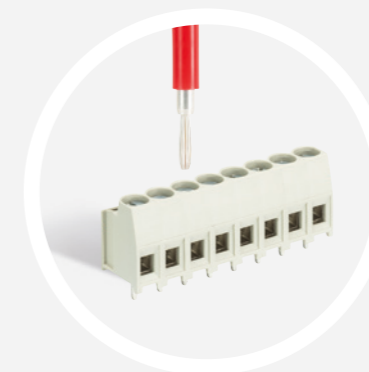
Space-saving placement

45° connector outlet allows the placement of clamp on clamp in several rows



Individual clamp fitting

Pre-assembled jumpers, empty poles, closed clamping space, your choice



Integrated test points

Direct access to voltage-conducting parts with standard test plugs

Screw connection with rising cage clamp

| 1 mm ² | | |
|---------------------------------------|----------------------|----------------------------|
| 3.5 mm PITCH | | |
| Item No. | 8593 | 8593 THR |
| mm ² / AWG (fine-stranded) | 0.14 - 1.0 / 30 - 16 | 0.14 - 1.0 / 30 - 16 |
| Current A | 10 / 10 / 10 | 10 / 10 / 10 ²¹ |
| Voltage ²¹ V | 250 / 300 / 300 | 250 / 300 / 300 |

Push-in connection

| 1.5 mm ² | |
|---------------------------------------|---------------------|
| | |
| Item No. | 8562 TOP N |
| mm ² / AWG (fine-stranded) | 0.5 - 1.5 / 20 - 16 |
| Current A | 4 / 4 / 4 |
| Voltage ²¹ V | 250 / 300 / 300 |

| 1 mm ² | |
|---------------------------------------|----------------------|
| 3.81 mm PITCH | |
| Item No. | 8893 |
| mm ² / AWG (fine-stranded) | 0.14 - 1.0 / 30 - 16 |
| Current A | 10 / 10 / 10 |
| Voltage ²¹ V | 250 / 300 / 300 |

| 1.5 mm ² | | | | 2.5 mm ² | |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|---|
| 5.0 mm PITCH | | | | | |
| Item No. | 8192 | 8192 E | 8192 ZW | 8134 | 8195 D / VB1 |
| mm ² / AWG (fine-stranded) | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.5 - 1.5 / 30 - 14; PE 0.5 - 2.5 / 20 - 12 |
| Current A | 10 / 15 / 15 | 10 / 15 / 15 | 10 / 15 / 15 | 10 / 15 / 15 | 10 / 10 / 10 |
| Voltage ²¹ V | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 |

Tension spring connection

| 2.5 mm ² | |
|---------------------------------------|----------------------|
| | |
| Item No. | 8191 FK |
| mm ² / AWG (fine-stranded) | 0.08 - 2.5 / 28 - 12 |
| Current A | 16 / 15 / 15 |
| Voltage ²¹ V | 250 / 300 / 300 |

| 2.5 mm ² | | | | | |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 5.0 mm PITCH | | | | | |
| Item No. | 8191 R | 8191 | 8191 E | 8191 D | 8191 ZW |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 |
| Current A | 16 / 20 / 25 | 16 / 20 / 25 | 16 / 20 / 25 | 16 / 20 / 25 | 16 / 20 / 25 |
| Voltage ²¹ V | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 |

| 1.5 mm ² | | | | 2.5 mm ² | | | | |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|----------------------|
| 5.08 mm PITCH | | | | | | | | |
| Item No. | 8292 | 8292 E | 8292 ZW | 8234 | 8292 H | 8292 EH | 8292 DH | 8291 |
| mm ² / AWG (fine-stranded) | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.14 - 1.5 / 30 - 14 | 0.5 - 1.5 / 24 - 14 | 0.5 - 1.5 / 24 - 14 | 0.5 - 1.5 / 24 - 14 | 0.14 - 2.5 / 22 - 12 |
| Current A | 10 / 15 / 15 | 10 / 15 / 15 | 10 / 15 / 15 | 10 / 15 / 15 | 15 / 10 / 10 | 15 / 10 / 10 | 15 / 10 / 10 | 16 / 20 / 25 |
| Voltage ²¹ V | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 690 / 300 / 300 | 250 / 300 / 300 | 250 / 300 / 300 | 250 / 300 / 300 | 690 / 300 / 300 |

Screw connection with rising cage clamp

| 2.5 mm ² | | |
|---------------------------------------|----------------------|----------------------|
| 5.08 mm PITCH | | |
| Item No. | 8291 ZW | 8291 R |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 |
| Current A | 16 / 20 / 25 | 16 / 20 / 25 |
| Voltage ²¹ V | 690 / 300 / 300 | 690 / 300 / 300 |

5.08 mm PITCH

| | |
|---------------------------------------|------------|
| Item No. | |
| mm ² / AWG (fine-stranded) | |
| Current A | IEC/UL/CSA |
| Voltage ²¹ V | IEC/UL/CSA |

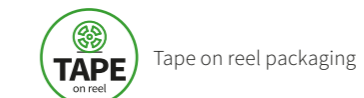
| 2.5 mm ² | | 4 mm ² | |
|---------------------------------------|----------------------|----------------------|--------------------|
| 7.5 mm PITCH | | | |
| Item No. | 8391 | 8391 ZW | 8375 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.14 - 4 / 22 - 10 |
| Current A | 16 / 20 / 25 | 16 / 20 / 25 | 30 / 30 / 30 |
| Voltage ²¹ V | 1000 / 300 / 300 | 1000 / 300 / 300 | 1000 / 300 / 300 |

| 2.5 mm ² | | 6 mm ² | |
|---------------------------------------|----------------------|----------------------|-------------------|
| 7.62 mm PITCH | | | |
| Item No. | 8491 | 8491 ZW | 8474 |
| mm ² / AWG (fine-stranded) | 0.14 - 2.5 / 22 - 12 | 0.14 - 2.5 / 22 - 12 | 0.5 - 6 / 20 - 10 |
| Current A | 16 / 20 / 25 | 16 / 20 / 25 | 30 / 30 / 30 |
| Voltage ²¹ V | 1000 / 300 / 300 | 1000 / 300 / 300 | 250 / 300 / 300 |

| 10 mm ² | | |
|---------------------------------------|-------------------|-------------------|
| 10.16 mm PITCH | | |
| Item No. | 7572 L2 | 7572 L4 |
| mm ² / AWG (fine-stranded) | 0.5 - 10 / 22 - 8 | 0.5 - 10 / 22 - 8 |
| Current A | 76 / 65 / 65 | 76 / 65 / 65 |
| Voltage ²¹ V | 690 / 300 / 300 | 690 / 300 / 300 |

Tension spring connection

| 2.5 mm ² | |
|---------------------------------------|----------------------|
| | |
| Item No. | 8291 EFK |
| mm ² / AWG (fine-stranded) | 0.08 - 2.5 / 28 - 12 |
| Current A | 12 / 10 / 10 |
| Voltage ²¹ V | 250 / 300 / 300 |

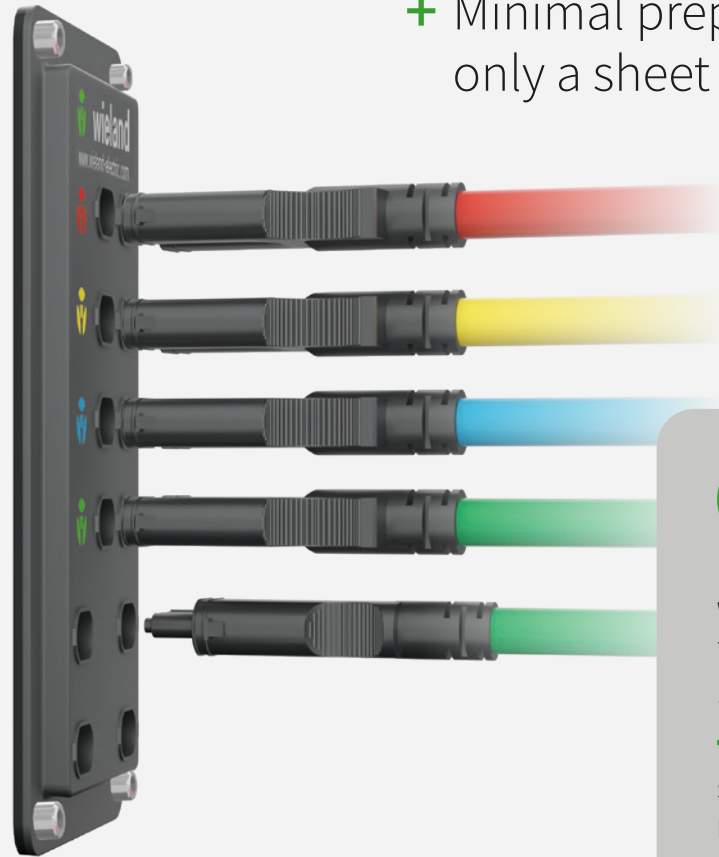


WIECON FSC SUPER-FAST **SIGNAL** DISTRIBUTION

With the FSC system you save time and space with signal cabling in the distribution boxes. Thanks to the integrated signal distribution with and without electronics, the completely pluggable system can be adapted individually to customer needs. Cable screw fittings are a thing of the past. Coding prevents any mismatching. Installation is so easy and safe that no trained personnel are required.

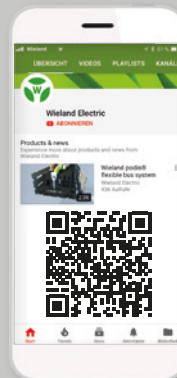
FEATURES

- + Mistaken connections are impossible
- + 30 % space savings
- + Installation-ready delivery
- + 80 % less assembly time
- + Minimal preparatory work – only a sheet metal cut-out is required



WIECON FSC ON YouTube
THE FUTURE OF
SIGNAL WIRING.

Scan the QR code –
Experience the future live.

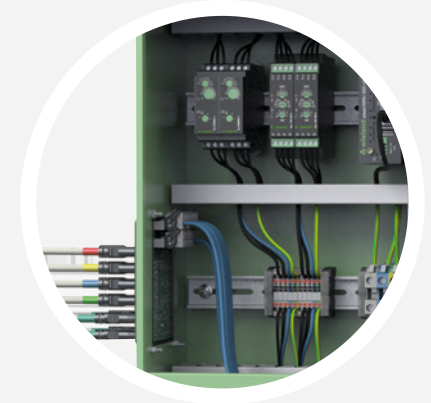
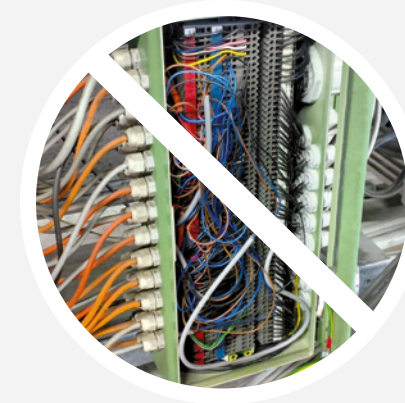


+ Plug contour can be adopted
in your plastic housing



NO MORE INCONVENIENCE

- Reduction in distribution box size
- Plugging instead of wiring
- No specialists required for plugging the external wiring
- Replaceable, maintenance-friendly components
- Distribution box entry, signal distribution & electronics in one product



PATCH CABLE | Y-CABLE

- 32 coding options
- Extruded cable to the desired length
- 3 to 6-pole
- Cable shield applied to pole
- Cable and coding 100 % checked
- Cross sections 0.14 mm² - 1 mm²
- Cable marking with text/color



TECHNICAL DATA

- Nominal voltage 24 V DC, nominal current 3 A
- IP54 protection class
- 10/12 slots (more upon request)
- UL and CSA approvals
- Article numbers available upon request



DOMESTIC APPLIANCES STANDARD

For the safety of electrical products for domestic use and commercial purposes.

DIN EN/IEC 60335-1

This standard standardizes the safety of electrical appliances for household use and commercial purposes, the rated voltage of which does not exceed 250 V for single-phase appliances and 480 V for other appliances. In chapter 30: "Heat and fire resistance," the topic is discussed in more detail. Affected are parts of non-metallic materials, which keep active parts (e.g. connection elements) in their position. These must be resistant to ignition and the spread of fire. These fire resistance requirements should prevent unattended devices from igniting themselves. On the market, this designation is called "No Flame." It applies for manufacturers of electric and electronic household components as well as for appliances in medium-sized operations.



KITCHEN APPLIANCES

- ▶ Dishwashers
- ▶ Ranges, stovetops, ovens
- ▶ Food processors

HOME & GARDEN

- ▶ Hot water boilers and hot water cylinders
- ▶ Gas, oil and solid fuel appliances with electrical connections

OTHER HOUSEHOLD CONNECTIONS

- ▶ Dryers
- ▶ Room heaters, such as radiant heaters, electric stoves
- ▶ Electrically-operated heat pumps, air conditioners and room air dehumidifiers

APPLIANCES USED OUTDOORS

- ▶ Pumps
- ▶ Electric product dispensing machines such as beverage, food and ticket vending machines
- ▶ Industry & trade
- ▶ Circulation pumps for heating and process water systems

GENERAL

- ▶ Thermal storage heaters
- ▶ Air cleaning or air handling products, humidifiers
- ▶ Fans



DATA + FACTS ON NO FLAME

We are an experienced, expert partner for pluggable electronic installations and connection technology. Service to the customer and the quality of our products are core elements of our organizational philosophy. **As a company with a strong sense of responsibility, we see it as an obligation to our customers to point out the following:**

Our connection systems and terminal blocks ensure **simple, fast and safe** installation. They are type-tested and certified according to the standards

IEC 61535,
IEC 61984
IEC 60947-7...
DIN EN 60998
DIN EN 60999

and according to the current status of the standards. This pertains to the classical pluggable electrical installation just as much as to the use as connection components in machines and other electrical devices.

For the use of connectors in operating equipment subject to **DIN EN 60335-1** ("Safety of household and similar electrical appliances"), Section 30, "Heat and fire resistance", must be referred to for evaluation of fire hazards. Especially for components used in appliances which are operated unattended and conduct a current of >0.2 amperes during normal operation, according to section 30.2.3 of this standard, there are more stringent conditions within the range of 3 millimeters around the live electrical parts.

Many of the parts in our catalog fulfill these requirements, either through the use of materials of **fire class V-0 or V-1**, or by verification of **needle-flame testing according to IEC 60695-11-5**. If there are additional, non-metallic materials within a defined cylindrical surrounding of 20 mm diameter and 50 mm height from the live connections, these components must also fulfill the above criteria. We would be happy to assist you with selection of the suitable catalog product.

As an alternative, we offer our customers a specific order number-group for ordering "No Flame" products. This is not a release from the obligation of the standard, to evaluate the surroundings within a distance of 3 mm to the support of live parts.

AN EXAMPLE OF A PRINTED CIRCUIT BOARD PLUG CONNECTOR

Standard part number
25.320.0453.2

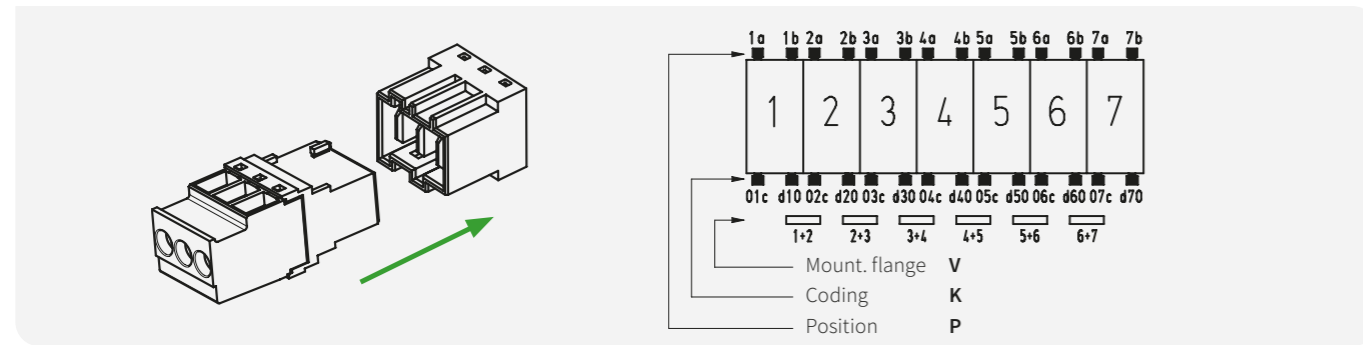
No Flame part number
25.320.0457.2

For this purpose, we employ special plastics which have successfully undergone a glow wire test, either as test plates according to GWIT (Glow Wire Ignition Temperature) or as the component itself regarding GWIT (Glow Wire Test). Corresponding VDE verification is available.

Please note that not all colors of the standard product are available as "No Flame" material and in individual cases, color deviations may occur.



MATRIX CODINGS

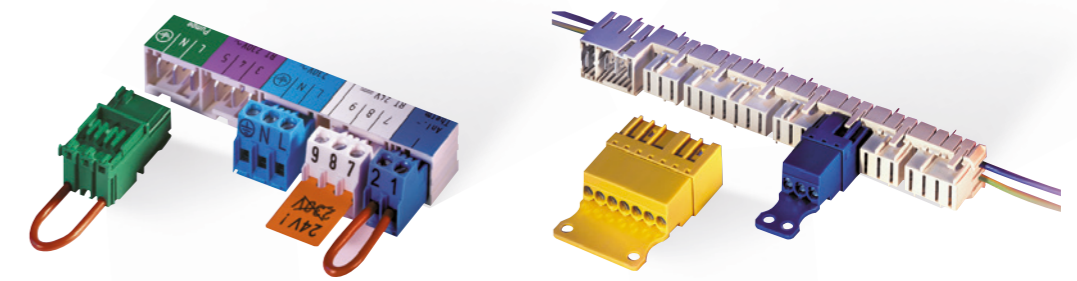


| Number of poles | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------|---|---|--|--|--|---|
| C1 | Position: 1 2, 1b,2a Coding: 01c,d20 Mount. flange: 1+2 | Position: 1 2 3, 1b Coding: 01c,d20 Mount. flange: 1+2 | Position: 1 2 3 4, 1b Coding: 03c,d40 Mount. flange: 1+2,3+4 | | | |
| C2 | Position: 1a,2b Coding: 01c Mount. flange: 1+2 | Position: 1 2 3, 1b,3a Coding: 01c Mount. flange: 1+2 | Position: 1a,4b Coding: 01c Mount. flange: 1+2,3+4 | | | |
| C3 | Position: 2a Coding: 01c,d20 Mount. flange: 1+2 | Position: 1 2 3, 1a Coding: 03c Mount. flange: 1+2 | Position: 1a,4b Coding: d40 Mount. flange: 1+2,3+4 | Position: 1 2 3 4 5, 5b Coding: d30 Mount. flange: 1+2 | Position: 1 2 3 4 5 6, 1a Coding: d30,d60 Mount. flange: 1+2,5+6 | |
| C4 | Position: 1a,1b Coding: 01c Mount. flange: 1+2 | Position: 1a,1b Coding: d30 Mount. flange: 1+2 | Position: 1a,3a Coding: d23c Mount. flange: 1+2,3+4 | | | |
| C5 | Position: 1 2, 1a,2b Coding: d20 Mount. flange: 1+2 | Position: 1a,3b Coding: 01c Mount. flange: 1+2 | Position: 1a,3a Coding: d40 Mount. flange: 1+2,3+4 | | | Position: 1 2 3 4 5 6 7, 3a,5a Coding: d10,d40,d50 Mount. flange: 2+3,6+7 |
| C6 | Position: 1a,2b Coding: - Mount. flange: 1+2 | Position: 1a,3a Coding: 01c Mount. flange: 1+2 | Position: 2a,4b Coding: d20 Mount. flange: 1+2,3+4 | | | |
| C7 | Position: 1a,2a,2b Coding: d20 Mount. flange: 1+2 | Position: 2b Coding: d20 Mount. flange: 1+2 | Position: 1 2 3 4, 1b,4b Coding: 01c Mount. flange: 1+2,3+4 | | | |
| C8 | Position: 1 2, 2a,2b Coding: d20 Mount. flange: 1+2 | Position: 1 2 3, 2b,3b Coding: d12c Mount. flange: 2+3 | Position: 1 2 3 4, 1b,4b Coding: d40 Mount. flange: 1+2,3+4 | | | |
| C9 | Position: 1 2, 1b,2b Coding: d20 Mount. flange: 1+2 | Position: 1 2 3, 1a,1b Coding: - Mount. flange: 1+2 | Position: 1 2 3 4, 1b,3b Coding: 02c,d40 Mount. flange: 3+4 | | | |
| C10 | Position: 1 2, 1b,2a Coding: d20 Mount. flange: 1+2 | Position: 1 2 3, 3a Coding: 02c,d30 Mount. flange: 2+3 | Position: 1 2 3 4, 2a,4a Coding: 01c,d40 Mount. flange: 3+4 | | | |
| C11 | Position: 1 2, 1a,2a Coding: d20 Mount. flange: 1+2 | Position: 1 2 3, 1a,3b Coding: 01c,d10,d30 Mount. flange: 2+3 | Position: 1 2 3 4, 2a,4a Coding: 01c,d30 Mount. flange: 2+3 | | | |
| C12 | Position: 1 2, 1a,1b Coding: d20 Mount. flange: 1+2 | Position: 1 2 3, 2a,3b Coding: d12c Mount. flange: 2+3 | Position: 1 2 3 4, 4a Coding: 02c Mount. flange: 3+4 | | | |
| C13 | Position: 1 2, 1a Coding: - Mount. flange: 1+2 | Position: 1 2 3, 1b,3b Coding: d12c Mount. flange: 2+3 | Position: 1 2 3 4, 1b,3b Coding: 02c,d40 Mount. flange: 2+3 | | | |
| C14 | Position: 1 2, 1a,3b Coding: d12c Mount. flange: 2+3 | Position: 1 2 3, 1a,3b Coding: d12c Mount. flange: 2+3 | | | | |
| C15 | Position: 1 2, 2a,3b Coding: d10 Mount. flange: 2+3 | Position: 1 2 3, 2a,3b Coding: d10 Mount. flange: 2+3 | | | | |

COMBINATION POSSIBILITIES



Products from Wieland Electric and Stocko complement each other perfectly and can be combined with one another.



| | MS 9401 to MS 9406, MS 9481 (SMD) *) | MS 9411 to MS 9415 *) | MS 9421 to MS 9424 *) | MF 9431 to MF 9434 *) | MSF 9441 to MSF 9444 *) |
|---------------------|--------------------------------------|-----------------------|-----------------------|-----------------------|-------------------------|
| | Fig. MS 9401 | Fig. MS 9412 | Fig. MS 9421 | Fig. MF 9431 | Fig. MSF 9441 |
| 8105 B | | | | | |
| 8105 B VL | | | | | |
| 8105 B VR | | | | | |
| 8105 B VL A | | | | | |
| 8105 B VR A | | | | | |
| 8105 FU VL | | | | | |
| 8105 FU VR | | | | | |
| 8105 FU VL A | | | | | |
| 8105 FU VR A | | | | | |
| 8105 FUE VR | | | | | |
| 8105 FUE VL | | | | | |

SMART SERVICING + SERVICES

Wieland is always service-oriented. Assembly of connection lines and individual printing are among our core competencies. We will be happy to assist you in customizing your project – just ask us.



Do you already know our new Push-In series?

If not you are welcome to order our sample sets. With this portfolio expansion, you now have the free choice of connection technology!

Sample set consisting of female parts with 2, 3, 4, 5, 6, 8 and 10 poles as well as pin header 10 poles angled and straight.

| | SET 1 | SET 2 | SET 3 | SET 4 | SET 5 |
|----------|---------------|---------------|---------------|---------------|---------------|
| Pitch | 2,5 mm | 3,5 mm | 3,81 mm | 5,0 mm | 5,08 mm |
| Type | 7013 | 8513 | 8813 | 8113 | 8213 |
| Item No. | 99.348.0000.0 | 99.351.0000.0 | 99.352.0000.0 | 99.349.0000.0 | 99.350.0000.0 |

More sample sets:

Pluggable PCB terminal blocks 8142 ZP, the smallest pluggable PCB terminal block with up to 16 A current load capacity and 2.5 mm² termination Part No. 99.333.0000.0

With our sample set of edge connectors you save soldering and disposition of the pin header and still have all the advantages of a connector. Part No. 99.335.0000.0



KNOW-HOW + COMPETENCE

We offer you comprehensive development and production expertise for individual solutions – from the initial idea to series production.

- 3D print patterns
- FEM calculations
- Modified fastening types
- Additional activation possibilities



CUSTOMIZED SOLUTIONS

We offer you customized cable assemblies/cable sets with a wide variety of components, which we combine at your request.



INFO TO GO

All brochures from Wieland Electric are available for download on our website.



<https://www.wieland-electric.com/en/support/downloads>

Interesting for you

<https://wie.li/webpcbcompen>
Printed circuit board components



EMPTY HOUSINGS
Housing systems for Industry and buildings
Bestell-Nr. 0850.1



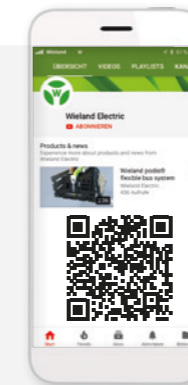
WIECON 8142 ZP
Compact rising cage terminals for machines + plants
Part No. 0552.1



WIECON RAST 5
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Part No. 0570.1



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