**wiecon® 8105 DST**

**DIRECT PLUG-IN TECHNOLOGY**

Connect PCB connectors directly to the board without soldering

**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

**NEW COMFORTABLE + 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. No matter which connection technology you prefer or need, our product portfolio offers you the connection components suitable for your application in high-quality design and quality. We work through and through in a service-oriented manner. Our core competencies include the assembly of connecting cables as well as individual printing. We would also be pleased to support you with individual adaptations for your project - just ask us.
YOUR 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

ADVANTAGES
• Clamping yoke connection for easy reconnection
• Wide range of colors
• Special printings
• Direct contacting of the circuit board
• Mounting without tools

APPLICATIONS
• Controls for:
  - Heating
  - Buildings
  - Machines
  - Home appliances

TECHNICAL DATA

Number of poles 2 – 7 poles
For boards with 1.4 – 1.8 mm thickness Galvanic or chemical tinned
Pitch 5 mm
Color 15 colors available
Cross section
  - Fine stranded 0.14 mm² – 2.5 mm²
  - with ferrule max. 2.5 mm²
  - Solid 0.14 mm² – 4.0 mm²
AWG AWG 26 – 12
Rated current 6 A
Rated insulation voltage III/2 320 V
Contact resistance < 2.5 mΩ
Operating temperature -25 °C – +105 °C
Tightening torque 0.5 – 0.7 Nm
Wire stip length 8 mm

Materials:
  - Contact/surface brass/tin
  - Screw steel
  - Housing PA, UL-94 V2
  - Insertion force | pole* ≤ 5N
  - Pulling force | pole* ≥ 2N

* measured on board 1.5 mm galvanically tinned

Represented in over 70 countries worldwide:
www.wieland-electric.com