



# Spring Type Side Wire Entry Terminal Blocks

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# 5.0 mm and 5.08 mm Spring Type Side Wire Entry Terminal Block Product Details

## Electrical

- Wire Range 30-12 AWG
  - Wire opening size 2.4X2.5 mm
- Current Rating 16A
- Voltage Rating 300V
- Contact resistance 15 Milliohms Max

## Mechanical

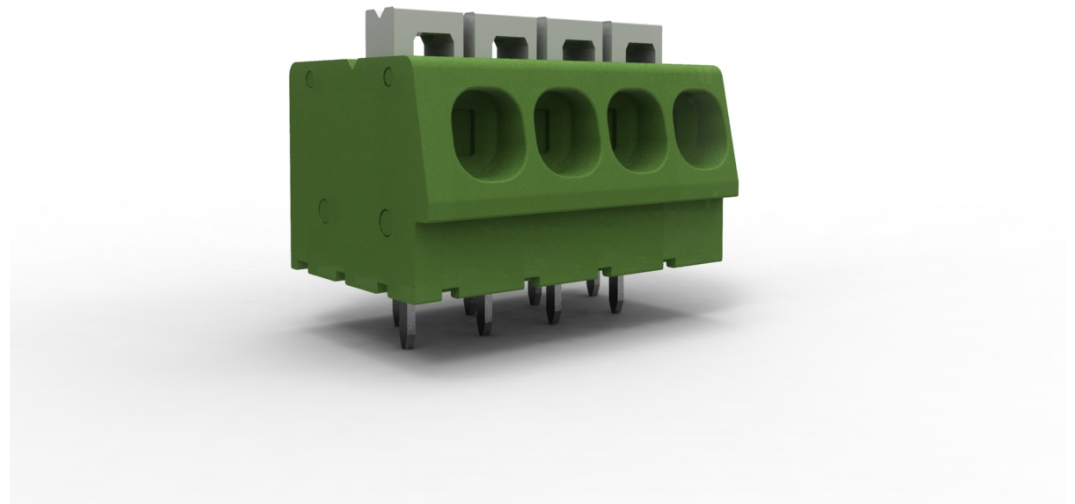
- PCB thickness 2.4 mm Max
- PCB Hole Diameter 1.2 mm Min
- Stripping length 10-11 mm
- Operating Temperature -40°C to +110°C

## Materials

Housing: polyamide

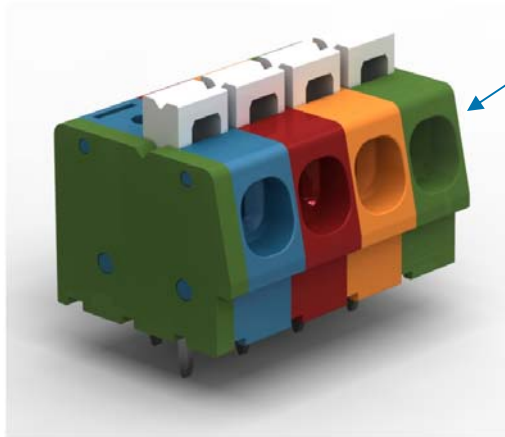
Clamping Spring: steel

Pin: tin plated copper alloy



# Initial Launch Product Details

- Block is available in 2 through 25 position
  - Housings are modular so it is possible to compose the block to any number of positions and color.
  - Special marking is available upon request
- Since the block is modular, the block can be purchased in sections. By taking advantage of this particular characteristic a minimum stock of basic terminal blocks can be inventoried.
  - Main block in 5.0 mm (1986749-1) or 5.08 mm (1986750-1) and end cover (1986751-1)



Housing is modular in design and can be available in any number of positions and colors as shown.

# Features and Benefits

## Screwless design allows for:

- **Improved performance** with superior wire retention in high vibration applications
- **Sustainable Advantage** by quick service resulting in labor cost savings
- **Flexibility** – Blocks are modular so it is possible to supply the main block and the end plate so each customer can build the block to their requirement for size. This allows for a minimum stock of the basic terminal blocks to be kept in their inventory.
- **Automated** process capable- solderable at a temperature up to 270°C
- **Customizable** – Custom marking and printing available. Blocks can be provided in multiple colors.
- **Quality** – assured due to 100% visual inspection

# Target Customers and Markets

- Industrial Automation
- Lighting
- Lifts
- Applications subject to certain types of vibrations

# Other Information

- Global Product Manager: Cathy Richard, [cathy.richard@te.com](mailto:cathy.richard@te.com)
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