

Screw Terminal Block: 3-Pin, 0.1" Pitch, Side Entry (3-Pack)



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Pololu item #: 2492

Brand: [Generic](#)

✓ RoHS 3

Price break	Unit price (US\$)
1	2.95
5	2.71

Quantity:

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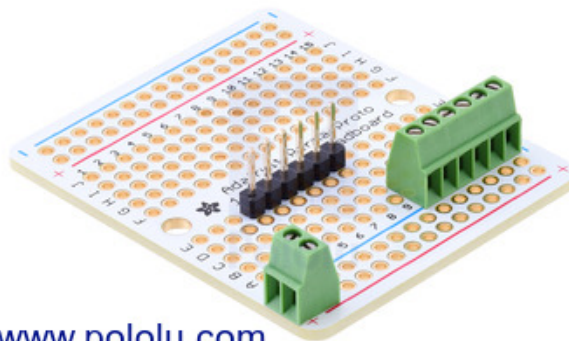
These side-entry screw terminal blocks have a pitch of 0.1" (2.54 mm), and can be used as alternatives to standard 0.1" male or female headers on many PCBs and prototyping boards. Each block has **three** terminals for the stripped ends of 26 – 18 AWG wires. They are rated for 150 V, 6 A and ship in **packs of three**.

Alternatives available with variations in these parameter(s): pins [Select variant...](#)

[Description](#) [Specs \(9\)](#) [Pictures \(10\)](#) [Resources \(1\)](#) [FAQs \(0\)](#) [On the blog \(1\)](#) [Distributors \(24\)](#)

Overview

These side-entry terminal blocks have terminals that hold and release wires through the simple adjustment of a small screw, allowing you to easily make temporary connections to a PCB. Since each terminal has a single corresponding pin spaced every 0.1" (2.54 mm), these terminal blocks can be used with [prototyping boards](#) and PCB holes intended for standard 0.1" [male](#) and [female headers](#) (if there is sufficient clearance from nearby components).

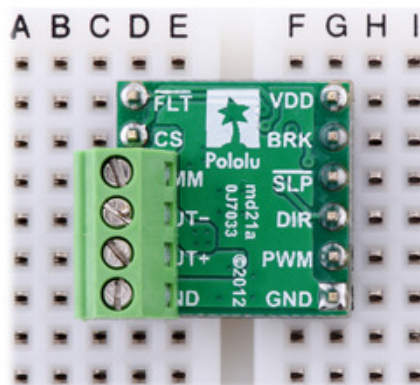


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0.1" terminal blocks and a male header strip in an Adafruit Perma-Proto prototyping PCB.

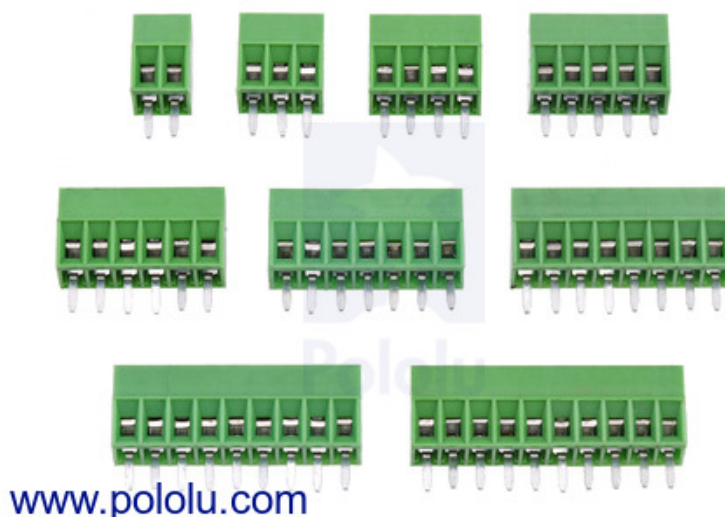


0.1" screw terminal block being used with a VNH5019 motor driver carrier in place of the included 0.1"-pitch male header.



Using a 4-pin 0.1" screw terminal block for the motor and motor power connections on the #2136 DRV8801 dual motor driver carrier.

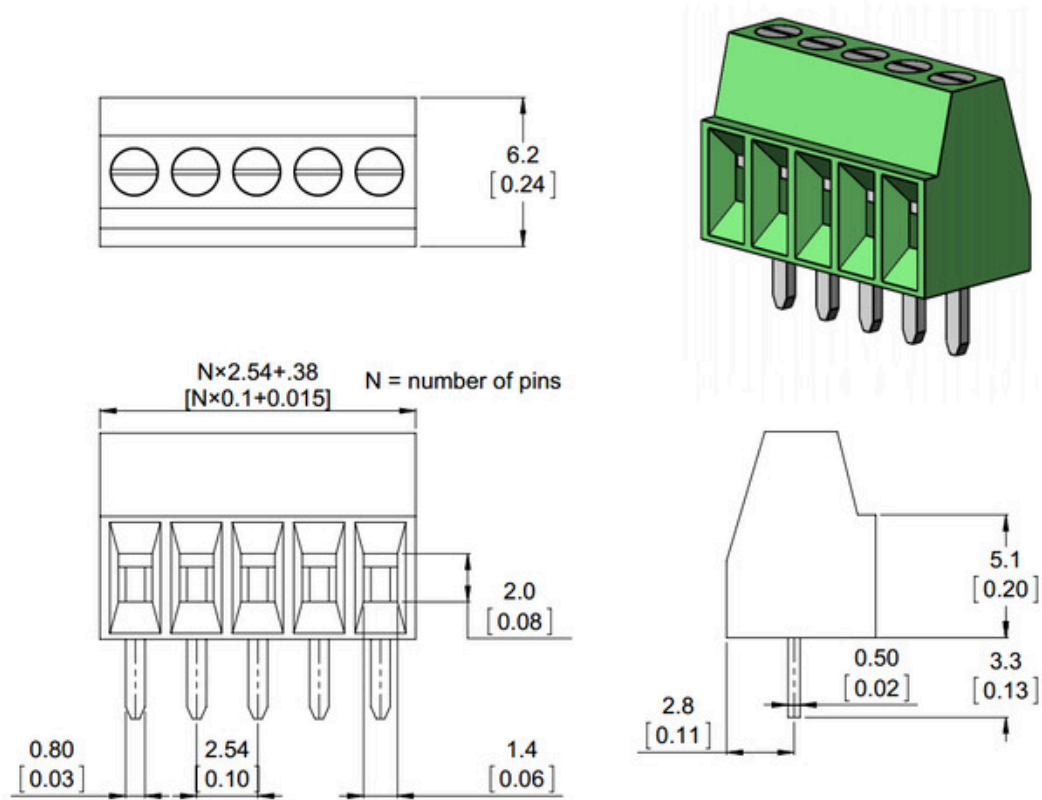
Nine sizes are available, from 2 terminals through 10 terminals.



Note: These terminal blocks do not slide together like our [stackable screw terminal blocks](#), and they do not fit next to each other on a 0.1" grid, so you will need to get the exact size required for application. Additionally, they do not work well in [solderless breadboards](#) (their pins are too short).

Dimensions

The following dimension diagram is for an N-pin version of this screw terminal block:



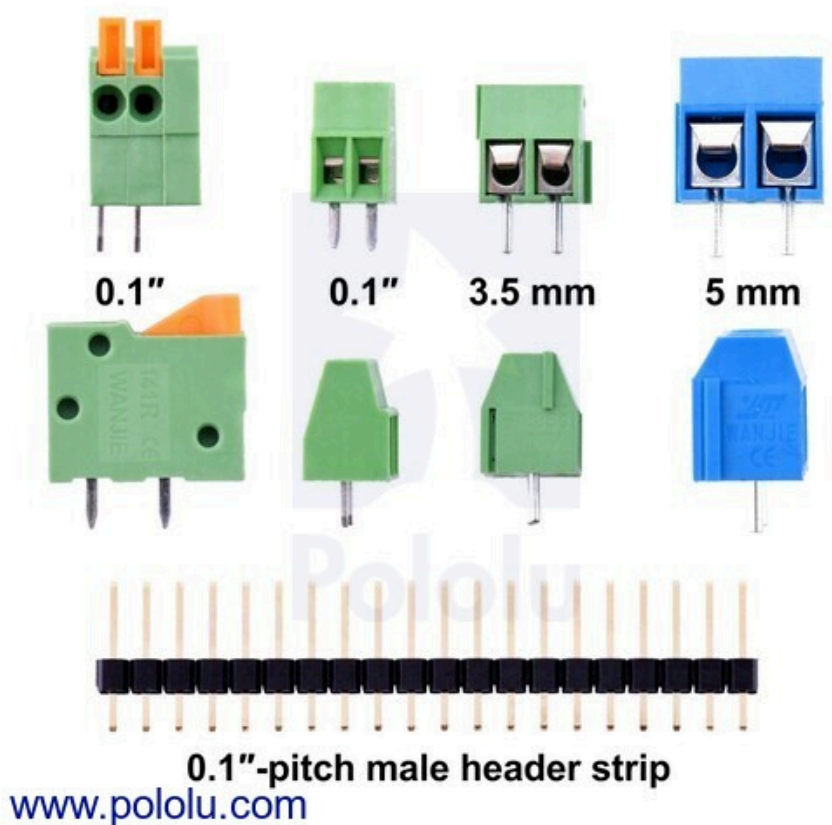
Screw terminal block: 0.1" pitch, side entry.

Specifications

- Voltage rating: 150 V
- Current rating: 6 A
- Contact resistance: 20 mΩ
- Wire gauge: 26-18 AWG
- Wire strip length: 4.5 mm

Other terminal block options

We carry several different sizes and styles of terminal blocks in addition to these 0.1" screw terminal blocks; the picture below shows a side-by-side comparison:



Side-by-side comparison of our different terminal blocks with a 0.1" male header strip for size reference. From left to right: 0.1" screwless, 0.1" screw, 3.5 mm screw, and 5 mm screw.

- [Screwless \(spring\) terminal](#), available in side- and top-entry orientations with pitches of 0.1" and 0.2":

Alternatives available with variations in these parameter(s): pins spacing orientation [Select variant...](#)

- [Stackable screw terminal](#), available in side- and top-entry orientations with pitches of 3.5 mm and 5 mm:

Alternatives available with variations in these parameter(s): pins spacing orientation [Select variant...](#)

People often buy this product together with:



[Screw Terminal Block: 2-Pin, 0.1" Pitch, Side Entry \(4-Pack\)](#)



[Screw Terminal Block: 4-Pin, 0.1" Pitch, Side Entry \(2-Pack\)](#)



[Screw Terminal Block: 5-Pin, 0.1" Pitch, Side Entry \(2-Pack\)](#)