

**.200"** (5.08mm)

# EL1M/2M/3M Heavy-Duty Terminal Blocks Multi-Tier, Left Offset (Standard)



## Heavy Duty

Multi-tier, .200" spacing heavy duty terminal blocks are rated at 20A, and combine a larger wire accommodation range and higher current rating with the enhanced board density provided by the multi-tier design. Moving cage clamp wire termination ensures high reliability.

## Interlocking Modules

Blocks are available in 1-, 2- and 3-tier configurations. Each configuration consists of precision molded 2- and 3-position-wide modules with interlocking dovetails. Modules can be easily assembled to length. Users have the option of purchasing and stocking only the 2- and 3-position modules, and assembling to size in-house, in order to minimize inventory and maintain flexibility; or ordering product already assembled to size.

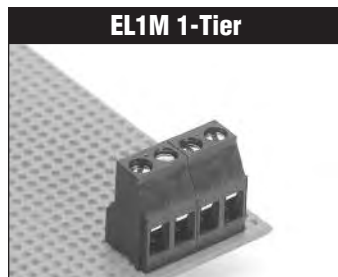
## Options and Variations

Terminations are available in black or green. Contact Amphenol Pcd for information on marking and other application-specific variations.

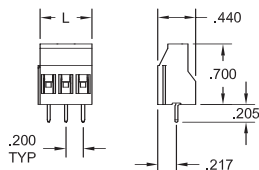
### APPROVALS:



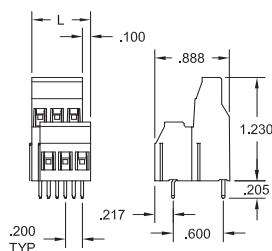
Consult factory for specific product recognitions



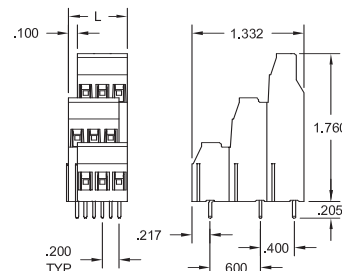
EL1M 1-Tier



EL2M 2-Tier



EL3M 3-Tier



| Pos             | Catalog #<br>Black | Catalog #<br>Green | L<br>(In.) | Pos             | Catalog #<br>Black | Catalog #<br>Green | L<br>(In.) | Pos             | Catalog #<br>Black | Catalog #<br>Green | L<br>(In.) |
|-----------------|--------------------|--------------------|------------|-----------------|--------------------|--------------------|------------|-----------------|--------------------|--------------------|------------|
| EL1M Modules    |                    |                    |            | EL2M Modules    |                    |                    |            | EL3M Modules    |                    |                    |            |
| 2               | EL1M022B00         | EL1M022G00         | .40        | 4               | EL2M042B00         | EL2M042G00         | .50        | 6               | EL3M062B00         | EL3M062G00         | .50        |
| 3               | EL1M032B00         | EL1M032G00         | .60        | 6               | EL2M062B00         | EL2M062G00         | .70        | 9               | EL3M092B00         | EL3M092G00         | .70        |
| EL1M Assemblies |                    |                    |            | EL2M Assemblies |                    |                    |            | EL3M Assemblies |                    |                    |            |
| 4               | EL1M042B00         | EL1M042G00         | .80        | 8               | EL2M082B00         | EL2M082G00         | .90        | 12              | EL3M122B00         | EL3M122G00         | .90        |
| 5               | EL1M052B00         | EL1M052G00         | 1.00       | 10              | EL2M102B00         | EL2M102G00         | 1.10       | 15              | EL3M152B00         | EL3M152G00         | 1.10       |
| 6               | EL1M062B00         | EL1M062G00         | 1.20       | 12              | EL2M122B00         | EL2M122G00         | 1.30       | 18              | EL3M182B00         | EL3M182G00         | 1.30       |
| 7               | EL1M072B00         | EL1M072G00         | 1.40       | 14              | EL2M142B00         | EL2M142G00         | 1.50       | 21              | EL3M212B00         | EL3M212G00         | 1.50       |
| 8               | EL1M082B00         | EL1M082G00         | 1.60       | 16              | EL2M162B00         | EL2M162G00         | 1.70       | 24              | EL3M242B00         | EL3M242G00         | 1.70       |
| 9               | EL1M092B00         | EL1M092G00         | 1.80       | 18              | EL2M182B00         | EL2M182G00         | 1.90       | 27              | EL3M272B00         | EL3M272G00         | 1.90       |
| 10              | EL1M102B00         | EL1M102G00         | 2.00       | 20              | EL2M202B00         | EL2M202G00         | 2.10       | 30              | EL3M302B00         | EL3M302G00         | 2.10       |
| 11              | EL1M112B00         | EL1M112G00         | 2.20       | 22              | EL2M222B00         | EL2M222G00         | 2.30       | 33              | EL3M332B00         | EL3M332G00         | 2.30       |
| 12              | EL1M122B00         | EL1M122G00         | 2.40       | 24              | EL2M242B00         | EL2M242G00         | 2.50       | 36              | EL3M362B00         | EL3M362G00         | 2.50       |
| 13              | EL1M132B00         | EL1M132G00         | 2.60       | 26              | EL2M262B00         | EL2M262G00         | 2.70       | 39              | EL3M392B00         | EL3M392G00         | 2.70       |
| 14              | EL1M142B00         | EL1M142G00         | 2.80       | 28              | EL2M282B00         | EL2M282G00         | 2.90       | 42              | EL3M422B00         | EL3M422G00         | 2.90       |
| 15              | EL1M152B00         | EL1M152G00         | 3.00       | 30              | EL2M302B00         | EL2M302G00         | 3.10       | 45              | EL3M452B00         | EL3M452G00         | 3.10       |
| 16              | EL1M162B00         | EL1M162G00         | 3.20       | 32              | EL2M322B00         | EL2M322G00         | 3.30       | 48              | EL3M482B00         | EL3M482G00         | 3.30       |
| 17              | EL1M172B00         | EL1M172G00         | 3.40       | 34              | EL2M342B00         | EL2M342G00         | 3.50       | 51              | EL3M512B00         | EL3M512G00         | 3.50       |
| 18              | EL1M182B00         | EL1M182G00         | 3.60       | 36              | EL2M362B00         | EL2M362G00         | 3.70       | 54              | EL3M542B00         | EL3M542G00         | 3.70       |
| 19              | EL1M192B00         | EL1M192G00         | 3.80       | 38              | EL2M382B00         | EL2M382G00         | 3.90       | 57              | EL3M572B00         | EL3M572G00         | 3.90       |
| 20              | EL1M202B00         | EL1M202G00         | 4.00       | 40              | EL2M402B00         | EL2M402G00         | 4.10       | 60              | EL3M602B00         | EL3M602G00         | 4.10       |
| 21              | EL1M212B00         | EL1M212G00         | 4.20       | 42              | EL2M422B00         | EL2M422G00         | 4.30       | 63              | EL3M632B00         | EL3M632G00         | 4.30       |
| 22              | EL1M222B00         | EL1M222G00         | 4.40       | 44              | EL2M442B00         | EL2M442G00         | 4.50       | 66              | EL3M662B00         | EL3M662G00         | 4.50       |

### SPECIFICATIONS:

**Current Rating:** 20A  
**Operating Voltage:** 300V  
**Insulation Resistance:** >10<sup>5</sup> Megohms  
**Dielectric Withstanding:** <3000V  
**Wire Pullout Force:**  
Per UL 486E, Section 14

### MATERIALS:

**Housing:** PA, UL 94V-0, black or green  
**Contact:** Copper alloy, tin-lead finish  
**Clamp Screw:** Copper alloy, nickel finish  
**Wire clamp:** Copper alloy, nickel finish

### INSTALLATION:

**Wire Range:** 12-30 AWG  
**Wire Strip Length:** .310"  
**Recommended Tightening Torque:**  
7 lb-in. (0.79N-m)  
**Hole Diameter:** .051 min.