

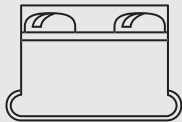
# Series M .5" (12.7mm) Center-to-Center Spacing

Dual Row

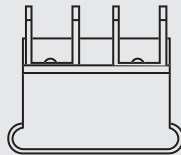
BARRIER STYLE



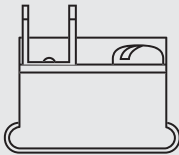
## Series M Variations



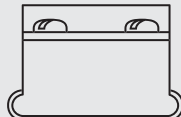
**MA**  
terminal bar with two  
No. 8-32 screws



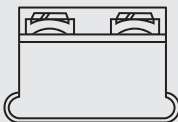
**MAQ**  
four .250" side  
quick-connects



**MALO**  
two .250" wide quick-  
connects and one  
No. 8-32 screw



**M**  
terminal bar with two No.  
6-32 screws



**MC**  
terminal bar with two  
captivated clamp assemblies

## Features:

- **Compact Modular Design for Low Power Circuits** – Suitable for surface connection applications using channel-assembled modular construction.
- **All-Surface Mountability** – Requires no additional insulation. Electro tin-coated steel mounting channel has two .196" diameter mounting holes.
- **Thermo-Set Phenolic Barrier-Type Terminal Blocks** – One thru 24 terminals on 1/2" center-to-center spacing.
- **Broad Choice of Terminal Connections** – Available in three screw designs and two .250" wide quick-connect variations offering up to four connections per terminal.
- **Wire Sizes** – M Series (No. 6-32 screw) is UL recognized for No. 22AWG to No. 14AWG. MA Series (No. 8-32 screw) is UL recognized for No. 22AWG to No. 12AWG. CSA requires lugs on wire larger than No. 14AWG for Series MA, and CSA requires lugs on No. 16AWG for Series M.
- **Current/Voltage Rating** – MA Series 25A/300V, M Series 15A/300V
- **Recognition and Listing** – Various terminal types are UL recognized and CSA certified.

## TERMINAL DESIGNATIONS

- \*MA** 16-gauge (.051") brass terminal bar with two No. 8-32 plated steel screws per terminal accepting wire up to No. 12AWG
- \*MAQ** Four .250" x .032" brass quick-connect tabs per terminal accepting wire up to No. 12AWG
- \*MALQ** Two .250" x .032" brass quick-connect tabs and one No. 8-32 plated steel screw per terminal accepting wire up to No. 12AWG. Rated 25A/300V
- \*M** Brass terminal bar with two No. 6-32 plated steel screws per terminal accepting wire up to No. 14AWG
- \*MC** Brass terminal bar with two-piece No. 6-32 plated steel, captivated clamp assemblies per terminal accepting wire up to No. 14AWG



Recognized under the Components Program of Underwriters Laboratories, Inc. Standard 1059, Guide No. XCFR2, File No. E62557.



Guide No. 22.2 No. 158, Report No. LR39186-1.

## Specifications:

**Center-to-Center Spacing:** .5" (12.7mm)

### Wire Range:

UL Recognized

MA - No. 22AWG to 12 AWG

M - No. 22 AWG to 14 AWG

CSA:

Must use lugs for wire larger than

MA - 12 AWG

M - 16 AWG

**No. of Terminals:** 1 thru 24

### Voltage Rating:

CSA – 300V

UL – 150V – General Industrial

250V – Commercial Appliance

**Tightening Torque:** 12 in.-lbs.

**Current Rating:** UL and CSA: 15A (M), 25A (MA)

### Housing:

Material Phenolic

Continuous Use

Temp. (UL Index) 150°C (302°F)

Flammability Rating 94V-0

Water Absorption

(24 hrs. % wt. gain) .05%

Chemical Resistance Resistant to most organic solvents

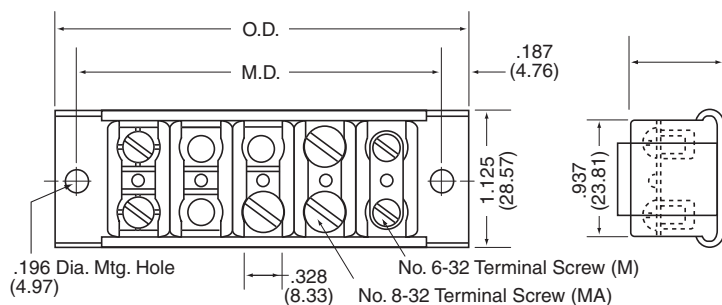
### Breakdown Voltage:

Terminal - Terminal 7,400V Typ.

Terminal - Ground 7,800V Typ.

*Note:* Specifications contained herein are subject to change without notice.

## Series M Dimensions



NOTE: mm dim. are shown in parentheses

## Series M Accessories

### COVER

Plain cover of 1/16" thick black bakelite with two mounting studs. Supplied loose for customer installation.

### JUMPER

Brass jumper rates at 25 amps.

Part No. 258-A5

## How to Order

M Series terminal blocks are ordered by listing a composite number made up of the model designation followed by the number of poles required for the application. Example: Type M 10-pole block becomes stock number M-10.

| Number of Terminals | Mounting Dimensions |             | Overall Dimensions |             |
|---------------------|---------------------|-------------|--------------------|-------------|
|                     | Inches              | Metric (mm) | Inches             | Metric (mm) |
| 1                   | 1.000               | 25.40       | 1.375              | 34.92       |
| 2                   | 1.500               | 38.10       | 1.875              | 47.62       |
| 3                   | 2.000               | 50.80       | 2.375              | 60.32       |
| 4                   | 2.500               | 63.50       | 2.875              | 73.00       |
| 5                   | 3.000               | 76.20       | 3.375              | 85.72       |
| 6                   | 3.500               | 88.90       | 3.875              | 98.42       |
| 7                   | 4.000               | 101.60      | 4.375              | 111.12      |
| 8                   | 4.500               | 114.30      | 4.875              | 123.82      |
| 9                   | 5.000               | 127.00      | 5.387              | 136.52      |
| 10                  | 5.500               | 139.70      | 5.875              | 149.22      |
| 11                  | 6.000               | 152.40      | 6.375              | 161.92      |
| 12                  | 6.500               | 165.10      | 6.875              | 174.62      |
| 13                  | 7.000               | 177.80      | 7.375              | 187.32      |
| 14                  | 7.500               | 190.50      | 7.875              | 200.02      |
| 15                  | 8.000               | 203.20      | 8.375              | 212.72      |
| 16                  | 8.500               | 215.90      | 8.875              | 225.42      |
| 17                  | 9.000               | 228.60      | 9.375              | 238.12      |
| 18                  | 9.500               | 241.30      | 9.875              | 250.82      |
| 19                  | 10.000              | 254.00      | 10.375             | 263.52      |
| 20                  | 10.500              | 266.70      | 10.875             | 276.22      |
| 21                  | 11.000              | 279.40      | 11.375             | 288.92      |
| 22                  | 11.500              | 292.10      | 11.875             | 301.62      |
| 23                  | 12.000              | 304.80      | 12.375             | 314.32      |
| 24                  | 12.500              | 317.50      | 12.875             | 327.02      |

Dimensions shown are  $\pm 0.030$ "

