

# Barrier Blocks

Series 140



## 0.375 Density, 5-40 x 3/16" Combination Screw, Open Bottom, Double Row

- Interposing barriers between terminals yield higher electrical ratings and provide additional protection against frayed wire shorting.
- A wide variety of barrier blocks makes it possible to select the combination of mechanical and electrical characteristics that best meet the exact requirements of your application.
- Simply wiring work by reducing splicing, preventing current leaks and short circuits, and increasing insulation.

### Materials

|                       |                                                                   |                                   |
|-----------------------|-------------------------------------------------------------------|-----------------------------------|
| Insulation            | Molded monoblock, general purpose phenolic, black, UL Rated 94V-1 |                                   |
| Eyelets               | Material: Brass                                                   | Plating: Nickel                   |
| Screws                | Material: Steel                                                   | Plating: Nickel over copper flash |
| Solder Terminals      | Material: Brass                                                   | Plating: Electro-Tin              |
| Marker Strip Material | Nema Grade XPC, UL Rated 94V-O                                    |                                   |

### Environmental

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| Operating Temperature | -55°F to +300°F                                        |
| Certifications        | UL Recognized-file E170218 (UL 1977), E130965 (UL1863) |

### Electrical

|                            |                     |
|----------------------------|---------------------|
| Voltage Rating             | 250 VAC RMS maximum |
| Current Rating             | 15 Amps maximum     |
| Maximum Watts Per Terminal | 3750                |

### Mechanical

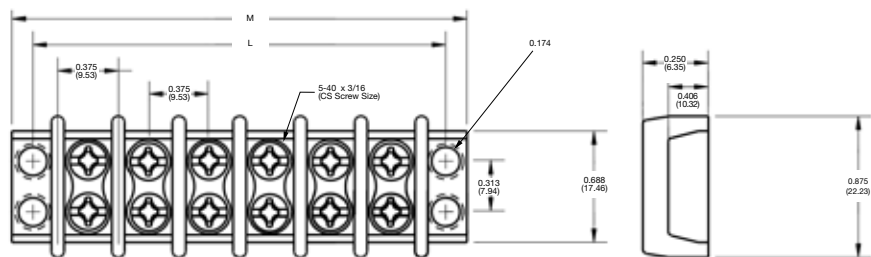
|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Maximum Wire Size             | #16 AWG                                         |
| Recommended Tightening Torque | Screw 9 lb.-in.      Mounting holes torque 5lbs |

### Terminal Block Quick Reference

| Barrier Block Series | Center-to-Center Spacing | Number of Terminals | Number of Row(s) | Screw Size | Operating Voltage | Current Rating | Maximum Wire Size | Maximum Watts/ Terminal | Voltage Rating w/ Marker | V Voltage Rating w/o Marker | Marker Strip Mounting |
|----------------------|--------------------------|---------------------|------------------|------------|-------------------|----------------|-------------------|-------------------------|--------------------------|-----------------------------|-----------------------|
| 140                  | 0.375                    | 1-25                | Double           | 5-40       | 250 Volts         | 15 Amps        | #16               | 3750                    | 2000                     | 1100                        | Bottom                |
| 141                  | 0.438                    | 1-20                | Double           | 6-32       | 250 Volts         | 20 Amps        | #14               | 5000                    | 2400                     | 1100                        | Bottom                |
| 142                  | 0.563                    | 1-17                | Double           | 8-32       | 250 Volts         | 30 Amps        | #10               | 7500                    | 2600                     | 1600                        | Bottom                |

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## Ordering Information

| Number of Terminals | Combination Screw Catalog Number | "L" Dimensions | "M" Dimensions |
|---------------------|----------------------------------|----------------|----------------|
| 1                   | 1-140                            | 0.750          | 1.032          |
| 2                   | 2-140                            | 1.125          | 1.407          |
| 3                   | 3-140                            | 1.500          | 1.785          |
| 4                   | 4-140                            | 1.875          | 2.157          |
| 5                   | 5-140                            | 2.250          | 2.532          |
| 6                   | 6-140                            | 2.625          | 2.907          |
| 7                   | 7-140                            | 3.000          | 3.282          |
| 8                   | 8-140                            | 3.375          | 3.657          |
| 9                   | 9-140                            | 4.750          | 4.032          |
| 10                  | 10-140                           | 4.125          | 4.407          |
| 11                  | 11-140                           | 4.500          | 4.782          |
| 12                  | 12-140                           | 4.875          | 5.157          |
| 13                  | 13-140                           | 5.250          | 5.532          |
| 14                  | 14-140                           | 5.625          | 5.907          |
| 15                  | 15-140                           | 6.000          | 6.282          |
| 16                  | 16-140                           | 6.375          | 6.657          |
| 17                  | 17-140                           | 6.750          | 7.032          |
| 18                  | 18-140                           | 7.125          | 7.407          |
| 19                  | 19-140                           | 7.500          | 7.782          |
| 20                  | 20-140                           | 7.875          | 8.157          |
| 21                  | 21-140                           | 8.250          | 8.532          |
| 22                  | 22-140                           | 8.625          | 8.907          |
| 23                  | 23-140                           | 9.000          | 9.282          |
| 24                  | 24-140                           | 9.375          | 9.657          |
| 25                  | 25-140                           | 9.750          | 10.032         |

\*Marketed exclusively through distribution.



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# Series 140 Barrier Blocks

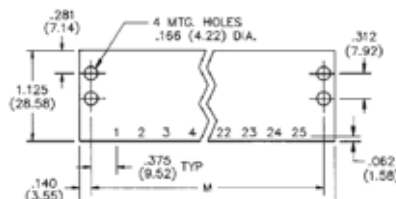
0.375 Density, 5-40 x 3/16" Combination Screw, Open Bottom, Double Row

## Solder Terminal Option

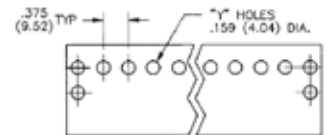


"Y" Terminals

## Marker Strips



Standard



"Y" Terminal

### Ordering Information

| Number of Terminals | Catalog Number |
|---------------------|----------------|
| 1                   | 1-140-Y        |
| 2                   | 2-140-Y        |
| 3                   | 3-140-Y        |
| 4                   | 4-140-Y        |
| 5                   | 5-140-Y        |
| 6                   | 6-140-Y        |
| 7                   | 7-140-Y        |
| 8                   | 8-140-Y        |
| 9                   | 9-140-Y        |
| 10                  | 10-140-Y       |
| 11                  | 11-140-Y       |
| 12                  | 12-140-Y       |
| 13                  | 13-140-Y       |
| 14                  | 14-140-Y       |
| 15                  | 15-140-Y       |
| 16                  | 16-140-Y       |
| 17                  | 17-140-Y       |
| 18                  | 18-140-Y       |
| 19                  | 19-140-Y       |
| 20                  | 20-140-Y       |
| 21                  | 21-140-Y       |
| 22                  | 22-140-Y       |
| 23                  | 23-140-Y       |
| 24                  | 24-140-Y       |
| 25                  | 25-140-Y       |

### Ordering Information

| Number of Terminals | Catalog Number | Catalog Number |
|---------------------|----------------|----------------|
| 1                   | MS-1-140       | MS-1-140-Y     |
| 2                   | MS-2-140       | MS-2-140-Y     |
| 3                   | MS-3-140       | MS-3-140-Y     |
| 4                   | MS-4-140       | MS-4-140-Y     |
| 5                   | MS-5-140       | MS-5-140-Y     |
| 6                   | MS-6-140       | MS-6-140-Y     |
| 7                   | MS-7-140       | MS-7-140-Y     |
| 8                   | MS-8-140       | MS-8-140-Y     |
| 9                   | MS-9-140       | MS-9-140-Y     |
| 10                  | MS-10-140      | MS-10-140-Y    |
| 11                  | MS-11-140      | MS-11-140-Y    |
| 12                  | MS-12-140      | MS-12-140-Y    |
| 13                  | MS-13-140      | MS-13-140-Y    |
| 14                  | MS-14-140      | MS-14-140-Y    |
| 15                  | MS-15-140      | MS-15-140-Y    |
| 16                  | MS-16-140      | MS-16-140-Y    |
| 17                  | MS-17-140      | MS-17-140-Y    |
| 18                  | MS-18-140      | MS-18-140-Y    |
| 19                  | MS-19-140      | MS-19-140-Y    |
| 20                  | MS-20-140      | MS-20-140-Y    |
| 21                  | MS-21-140      | MS-21-140-Y    |
| 22                  | MS-22-140      | MS-22-140-Y    |
| 23                  | MS-23-140      | MS-23-140-Y    |
| 24                  | MS-24-140      | MS-24-140-Y    |
| 25                  | MS-25-140      | MS-25-140-Y    |

### Solder Terminals can be ordered Separately

| Terminal Type | Catalog Number |
|---------------|----------------|
| Y             | Y-140          |

### Accessories

- Jumpers
- Quick Clamp

\*Marketed exclusively through distribution.



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