Achieve exceptionally reliable, convenient wire terminations with fixed-mount, push-button Eurostyle™ terminal blocks, ideal for a variety of industries and applications

Features and Benefits

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>Benefit</th>
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</thead>
<tbody>
<tr>
<td>Spring-tension contact</td>
<td>Provides gas-tight, vibration-proof, long-term wire-retention reliability</td>
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<tr>
<td>Push-button operation designed for push-in terminations of solid or stranded wire</td>
<td>Simplifies wire termination and removal from contacts. Allows easy and cost-effective servicing of the PCB or wire-termination corrections</td>
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<tr>
<td>Rear barrier</td>
<td>Prevents over-insertion of wire</td>
</tr>
<tr>
<td>Modular housing with multiple pole and color options</td>
<td>Allows for flexibility to meet unique design requirements</td>
</tr>
</tbody>
</table>

Applications

Industrial
- Controls
- Wiring

Lighting
- Fluorescent fixtures
- Electronic ballasts
- Dimming systems
- LED drivers/power supplies

HVAC
- Control boards
- Thermostats

Eurostyle™ Terminal Blocks

39700 Push-Button Fixed-Mount
39543, 39544, 39500, 39501, 39502, 39503, 39504, 39505, 39506, 39507 Fixed-Mount, 5.00 and 5.08mm Pitch
39510, 39511, 39512, 39513, 39514, 39515, 39516, 39517 Pluggable, 3.50mm Pitch
39520, 39521, 39522, 39523, 39524, 39525, 39526, 39527, 39528 Pluggable, 3.81mm Pitch
39530, 39531, 39532, 39533, 39534, 39535, 39536, 39537, 39538 Pluggable, 5.00mm Pitch
Pluggable, 5.08mm Pitch

Eurostyle™ Fixed Push-Button Terminal Block
Specifications

Reference Information
Packaging: Tray
UL File No.: E48521
Designed In: Millimeters
RoHS: Compliant by Exemption
Glow Wire Compliant: Yes

Electrical
Insulation Resistance (min.): 500 Megohms
Dielectric Withstanding Voltage (min.):
- Horizontal and Vertical — 2500V AC
- 45° Modular 5.00mm Pitch — 2000V AC
Voltage (max.):
- 2.50mm Pitch,
  - Horizontal/Vertical: 150V
- 2.50mm Pitch,
  - 45° Modular/Standard: 300V
- 3.50/5.00/7.50/10.00mm Pitch: 300V
Current (max.):
- Horizontal/Vertical: 6.0 A
- 2.50mm Pitch, 45° Modular: 18.0 A
- 2.50mm Pitch, 45° Standard: 8.0 A
- 3.50mm Pitch, 5.0A
- 5.00/7.50/10.00mm Pitch: 10.0A

Physical
Pitch: 2.54/3.50/5.00/7.50/10.00mm
Body: PA66 UL94V-0
Cover: PA66 UL94V-0
Spring: Stainless Steel
Terminal: Tin Plated Brass
Operating Temperature: -40 to +105°C
Wire Size | Strip Length:
- 2.50mm Pitch, Horizontal/Vertical:
  - 26 to 18 AWG | 11.00mm
- 2.50mm Pitch, 45° Modular:
  - 26 to 14 AWG | 7.50mm
- 2.50mm Pitch, 45° Standard:
  - 22 to 16 AWG | 10.00mm
- 3.50mm Pitch:
  - 20 to 16 AWG | 8.00mm
- 5.00mm Pitch, Horizontal & Vertical:
  - 22 to 14 AWG | 10.00mm
- 5.00/7.50/10.00mm Pitch, 45° Modular & Luminaire:
  - 26 to 14 AWG | 11.00mm
Wire Entry: Single/Single/Double

Ordering Information

| Order No.   | Pitch (mm) | Orientation       | Circuits | Standard Housing Color*
|-------------|------------|-------------------|----------|---------------------
| 39700-00XX  | 2.50       | Horizontal        | 2 to 24  | Green               |
| 39700-02XX  | 2.50       | Vertical          | 2 to 24  |                     |
| 39700-01XX  | 2.50       | 45°, Modular      | 2 to 24  |                     |
| 39700-06XX  | 2.50       | 45°, Standard     | 2 to 7   |                     |
| 39700-07XX  | 3.50       | Modular           | 2 to 24  | Light Gray          |
| 39700-08XX  | 5.00       | Horizontal        | 2 to 24  |                     |
| 39700-09XX  | 5.00       | Vertical          | 2 to 24  |                     |
| 39700-04XX  | 5.00       | Modular, Luminaire| 2 to 6   | Green               |
| 39700-05XX  | 7.50       | Modular, Luminaire| 2 to 6   |                     |
| 39700-03XX  | 10.00 Double Wide | Modular, Luminaire | 2 to 6  |                     |

*Alternate housing colors available; contact Molex for options

www.molex.com/product/euro_tb.html