

## FEATURES AND SPECIFICATIONS

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## 3.50mm (.138") Pitch 35 Series Beau® Eurostyle® Fixed Terminal Blocks

**39357**

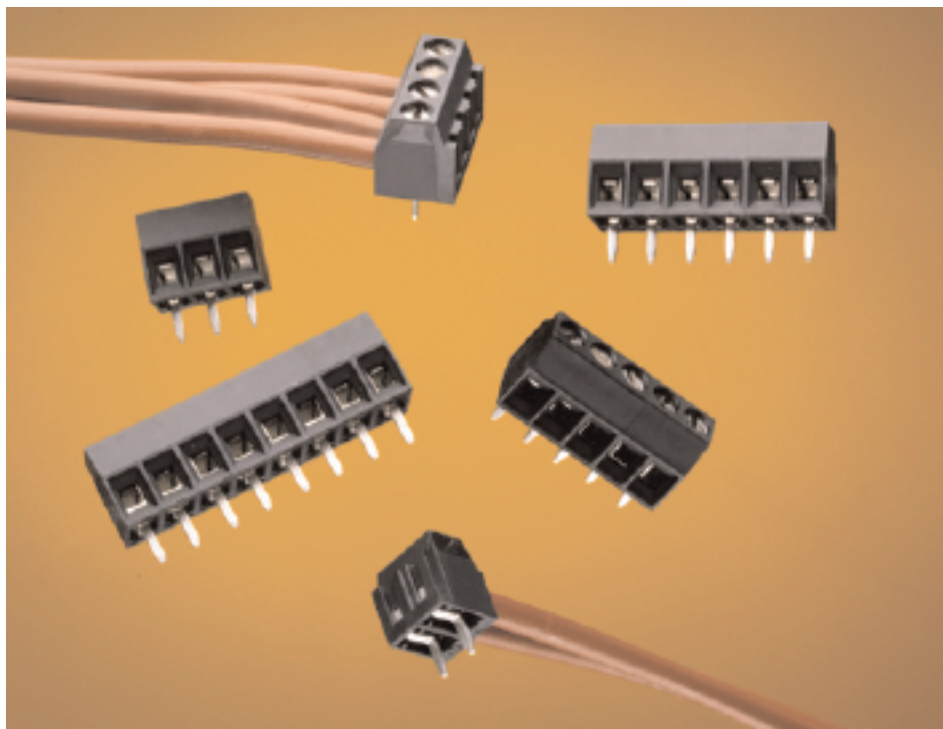
**Beau Eurostyle 35 series fixed (one-piece) terminal blocks offer a compact solution where PCB space is constrained**

The small pitch size on Molex's 3.50mm (.138") fixed Terminal Blocks help solve packaging problems due to limited PCB real-estate. 3.50mm (.138") terminal blocks continue to gain market acceptance and are now used regularly in many applications as more high density I/O applications are released.

These terminal blocks are available molded-to-length in up to 25 circuits and are manufactured with captive-screws and a rising cage clamp termination, providing a secure, gas-tight connection when terminating wires.

### Features and Benefits

- Rising cage clamp termination provides a gas-tight connection without strand damage or intermittence
- Small pitch size is ideal for limited PCB real-estate applications
- Captive screws will not back out of the housing
- Molded to length providing an easier to work with solution versus parts that need to be dovetailed to form longer circuit sizes



## SPECIFICATIONS

### Reference Information

Packaging: Box

UL File No.: E48521

Guide No.: XCFR2

UL for Canada File No.: E48521

Guide No.: XCFR8 (Pending)

### Electrical

Voltage: 300V

Current: 12.0A

Contact Resistance: 15 milliohms max.

Insulation Resistance: 1000 Megohms (500VDC) min.

### Mechanical

Wire Range: 16 to 28 AWG (1.31 to 0.08mm<sup>2</sup>)

Strip Length: 5.00mm (.200 in.)

Tightening Torque: 0.30Nm (2.7 in-lbs)

### Physical

Housing: Nylon, PA 6/6

Contact: Copper Alloy

Contact Plating: Tin

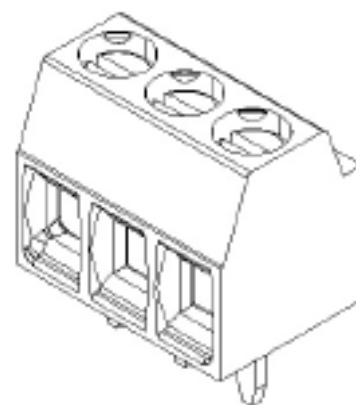
Screw: M2, slotted, Copper Alloy

Screw Plating: Nickel

Cage Clamp: Copper Alloy

Cage Clamp Plating: Nickel

Operating Temperature: +105°C max.



3-circuit fixed terminal block

## APPLICATIONS

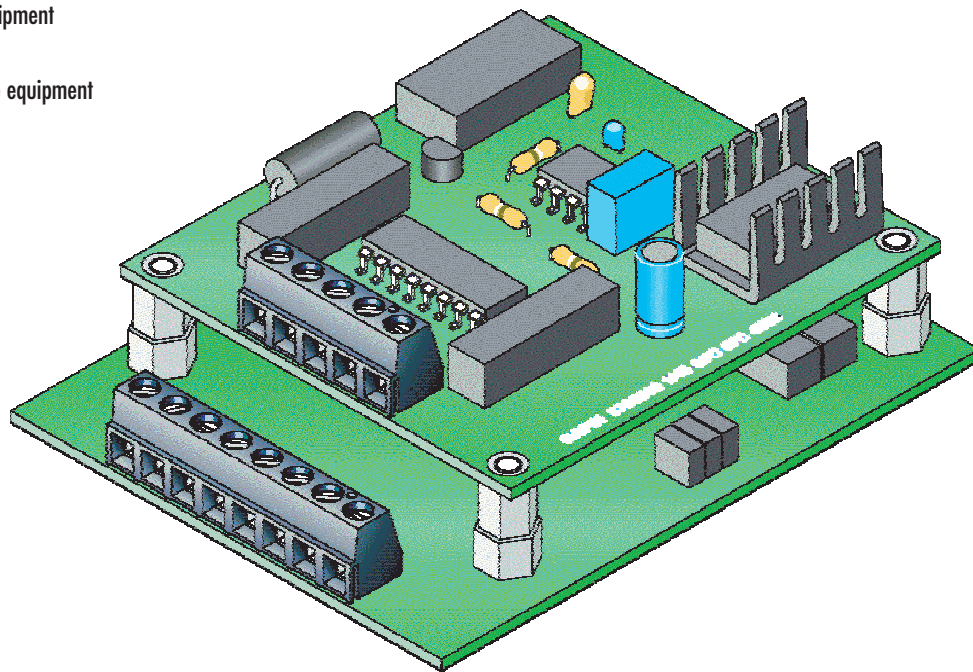
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- Process controls
- Instrumentation
- Motion control
- Factory automation
- Scales and weighing equipment
- Signal conditioning
- Security and surveillance equipment



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## ORDERING INFORMATION

| Order No.  | Circuits | Order No.  | Circuits |
|------------|----------|------------|----------|
| 39357-0002 | 2        | 39357-0014 | 14       |
| 39357-0003 | 3        | 39357-0015 | 15       |
| 39357-0004 | 4        | 39357-0016 | 16       |
| 39357-0005 | 5        | 39357-0017 | 17       |
| 39357-0006 | 6        | 39357-0018 | 18       |
| 39357-0007 | 7        | 39357-0019 | 19       |
| 39357-0008 | 8        | 39357-0020 | 20       |
| 39357-0009 | 9        | 39357-0021 | 21       |
| 39357-0010 | 10       | 39357-0022 | 22       |
| 39357-0011 | 11       | 39357-0023 | 23       |
| 39357-0012 | 12       | 39357-0024 | 24       |
| 39357-0013 | 13       | 39357-0025 | 25       |

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