

## FEATURES AND SPECIFICATIONS

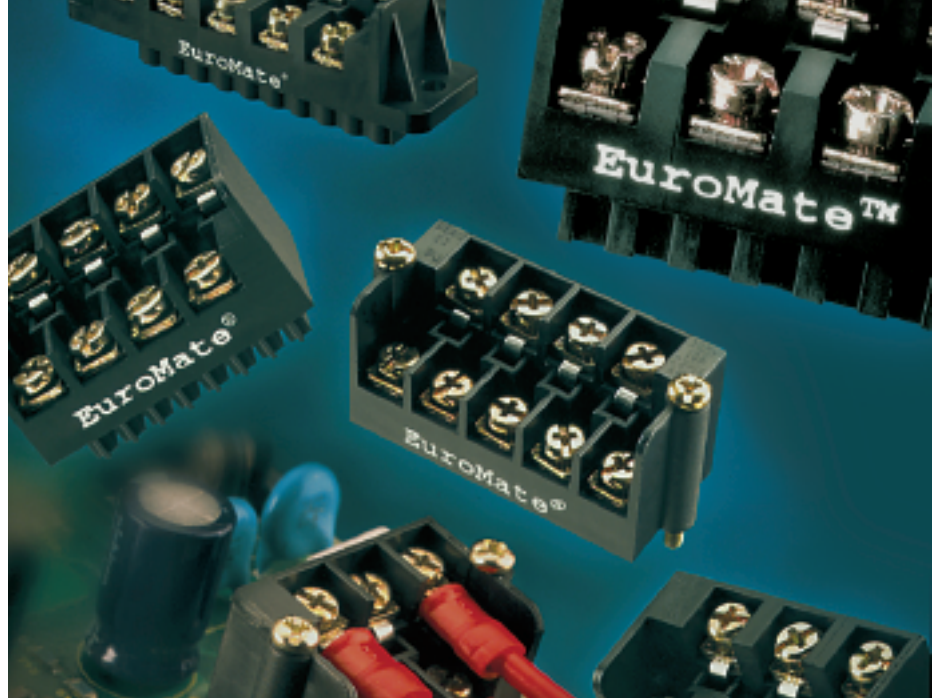


## 3.81 and 5.08mm (.150 and .200") Pitch Beau® EuroMate® Pluggable Barrier Strip

**Beau EuroMate pluggable PCB terminal blocks have a higher density PCB connection and are available in pitches of 3.81 and 5.08mm (.150 and .200")**

**39930, 39940**

Connector technology has not allowed power monitoring and controls system designers to realize the packaging densities made possible by modern electronics. In order to increase packaging densities, the EuroMate has a large and robust wiring terminal interface with a higher density PCB connection. In addition, the PCB connection is pluggable to allow for ease of factory assembly and field repair service. Molex offers the EuroMate with optional retention screws or mounting flanges, so you can find the best fit for your needs. One of the most important benefits of the Beau EuroMate is that it uses a single piece insulator for cost efficiency.



### Features and Benefits

- Single row of female contacts interface with industry-standard European style headers, which produces twice the pitch at the wiring terminal
- Wiring terminals are staggered and offset vertically to facilitate easier wiring access
- Mounting flanges accommodate panel mounting to prevent any bowing or flexing during connector mating and unmating
- Accepts 1/4" ring and spade wiring terminals to assure acceptance in all markets
- Rear barrier prevents over-insertion of wire into device

## SPECIFICATIONS

### Reference Information

Packaging: Box  
UL File No.: E48521  
Guide No.: XCFR2  
UL for Canada File No.: E48521  
Guide No.: XCFR8

### Electrical

Voltage: 300V  
Current:  
39930 – 12.0A  
39940 – 15.0A  
Insulation Resistance: 3000 Megohms min.

### Mechanical

Wire Range:  
39930 – 14 to 22 AWG  
(2.08 to 0.32mm<sup>2</sup>)  
39940 – 12 to 22 AWG  
(3.30 to 0.32mm<sup>2</sup>)  
Strip Length: 6.00mm (.250")  
Tightening Torque: 0.79 Nm (7.00 in-lbs)  
Operating Temperature: +105°C

### Physical

Housing: Polyamide 6.6 UL 94V-0, Black  
Contact:  
39930 – Beryllium Copper  
39940 – Phosphor Bronze  
Screws:  
39930 – M3 Steel with Clamp Washer  
39940 – M3.5 Steel with Clamp Washer  
Plating:  
Contact – Tin  
Screw – Zinc Chromate

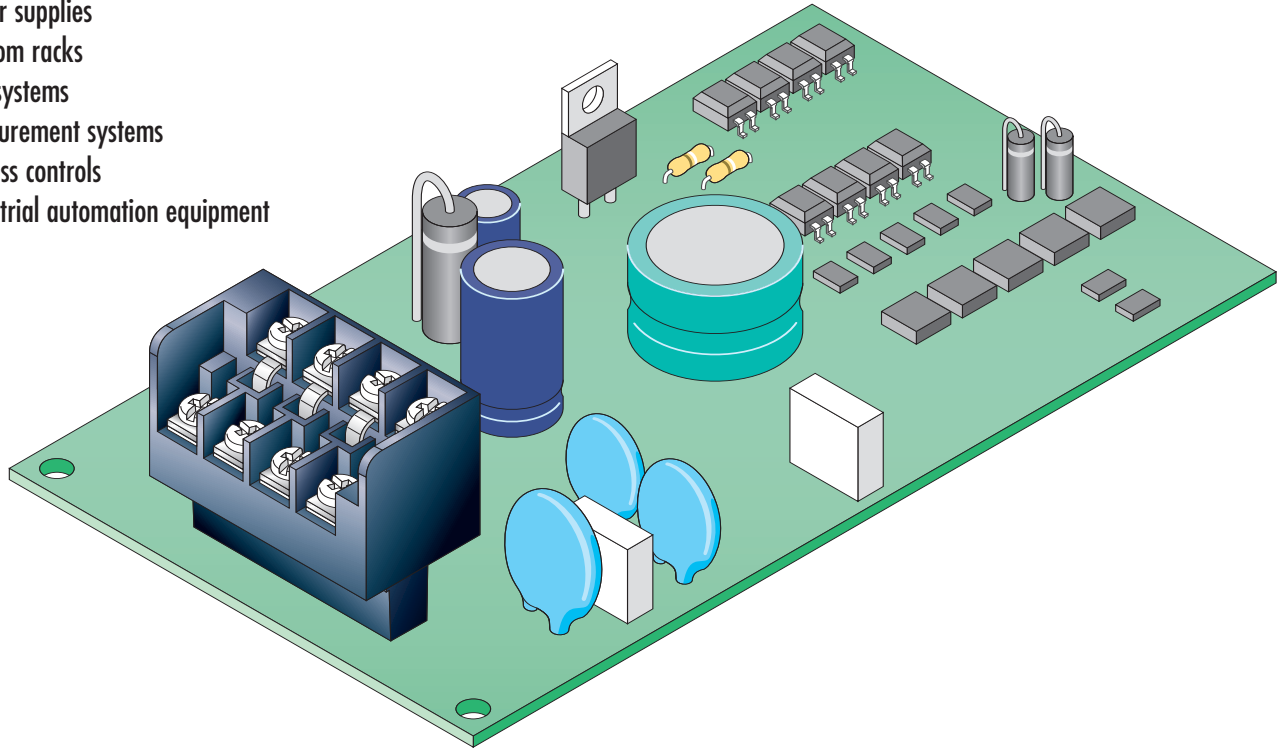
## APPLICATIONS



# 3.81 and 5.08mm (.150 and .200") Pitch Beau® EuroMate® Pluggable Barrier Strip

**39930, 39940**

- Gas and oxygen analyzers
- Digital process meters
- Controller boards
- Power monitoring devices
- Power supplies
- Telecom racks
- UPS systems
- Measurement systems
- Process controls
- Industrial automation equipment



## ORDERING INFORMATION

Pitch	Order No.		Plating	Accessories
	Forward Polarization	Reverse Polarization		
3.81 (.150)	39930-02XX	39930-03XX	Tin	
	39930-04XX	39930-05XX	Tin	Retention Screws
	39931-02XX	39931-03XX	Gold	
	39931-04XX	39931-05XX	Gold	Retention Screws
5.08 (.200)	39940-02XX	39940-03XX	Tin	
	39940-04XX	39940-05XX	Tin	Retention Screws
	39940-06XX	39940-07XX	Tin	Mounting Flange
	39941-02XX	39941-03XX	Gold	
	39941-04XX	39941-05XX	Gold	Retention Screws
	39941-06XX	39941-07XX	Gold	Mounting Flange

For 3.81mm (.150") products, replace XX with no. of circuits, 03 to 21.  
For 5.08mm (.200") products, replace XX with no. of circuits 03 to 24.

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