

## SERIES 63 R

# .438" PCB Barrier Terminal Strip (closed side), 600V

### Description

The series 63R, PCB terminal strip is our smallest tri-barrier product designed for service up to 600V. It is an economical, lower power alternative to our high power 66 series product.

Unlike other tri-barrier designs, the 63R has the same footprint as our standard series 63 PCB terminal strip, allowing the user to offer the benefits of the tri-barrier construction without redesigning their PCB or enclosure.

The terminal block can be configured for maximum 14, 12 AWG wires and up to 25 Amps.

Made in the USA, all Beau terminal blocks embody the highest quality standards in the industry—using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

### Features

- **High voltage density**, the 63R series is our smallest 600V rated PCB barrier terminal strip.
- **Robust and durable**, 63R series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and associated solder joint failure.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allows us to save you assembly costs and improve interconnect performance.
- **Prevents shorting**. The tri-barrier construction surrounds the connection on three sides providing maximum circuit isolation



### PRODUCT RATINGS

#### #6-32 BINDING HEAD SCREW

<b>UL</b>	Class B	15 Amps @ 600 V 14 AWG
	Class C	15 Amps @ 600 V 14 AWG
<b>CSA</b>	Class B	20 Amps @ 600 V 14 AWG
	Class C	20 Amps @ 600 V 14 AWG

#### #6-32 WIRE CLAMP SCREW

<b>UL</b>	Class B	20 Amps @ 600 V 12 AWG
	Class C	20 Amps @ 600 V 12 AWG
<b>CSA</b>	Class B	25 Amps @ 600 V 12 AWG
	Class C	25 Amps @ 600 V 12 AWG

NOTE: 3.5M screws carry #6-32 screw ratings.

### APPROVALS

<b>UL (pending)</b>	File No. E48521 Guide No. XCFR2
<b>CSA (pending)</b>	File No. 025562

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

#### MECHANICAL

Tightening torque	12 in.-lbs.
Maximum torque	13 in.-lbs.
Wire strip length	5/16"
Wire Range	12 to 24 AWG

#### ENVIRONMENTAL

Operating temp	-55° to +105° C
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### MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

### OPTIONS

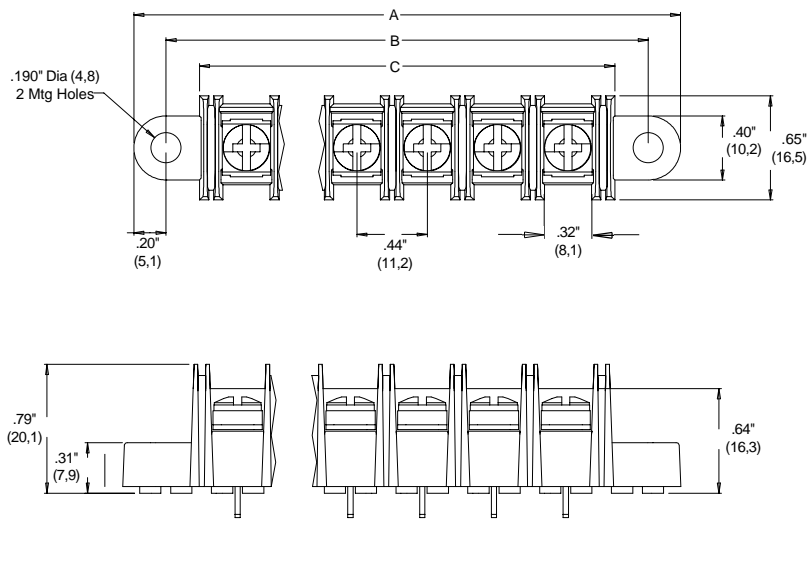
-45	Slotted screw
-47	Screws up, wire ready
-45-56	Stainless steel screws, slotted
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends
-M	3.5 M screw, slotted
-V	130°C insulator

### HOW TO ORDER

SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
6	3	R	X X X X X
1	5	Consult	(Dash #s above and opposite page)
6	7	Factory	

\*Consult factory for combinations of screw options.

# SERIES 63 R



No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm

Consult Factory

for Number of

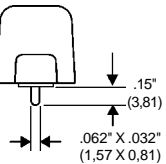
Circuits Available

## TERMINAL STYLES

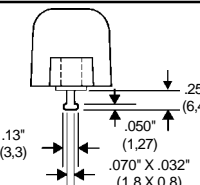
STYLE 1  
No PC  
Terminal



STYLE 5  
PC



STYLE 6  
Solder  
Turret



STYLE 7  
Wire Wrap

