

## SERIES 73 R

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

### Description

The series 73R PCB terminal strip brings the benefits of tri-barrier construction to one of our most versatile product series offering a broad range of screw, terminal and hardware options.

Unlike other tri-barrier designs, the 73R has the same footprint as our standard series 73 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 or 10 AWG wires and up to 30 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

- **Robust and durable**, 73R series screw terminals are ultrasonically welded into the thermoplastic insulator, eliminating terminal twisting and solder joint failure.
- **Molded to exact length**, with no ugly saw cuts, Beau terminal strips make your products look more professional. The terminal block is the one component that your customer is sure to see.
- **Wide variety of options**. Our broad range of screw, terminal, hardware and mounting options allow 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

UL	Class B	15 Amps @ 300 V 14 AWG
	Class C	15 Amps @ 300 V 14 AWG
CSA	Class B	20 Amps @ 300 V 14 AWG
	Class C	20 Amps @ 300 V 14 AWG

#### #6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG
CSA	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 300 V 12 AWG

#### #8-32 WIRE CLAMP SCREW

##### NRTL/C

Class B	30 Amps @ 300 V 10 AWG
Class C	30 Amps @ 300 V 10 AWG

NOTE: 3.5M and 4.0M screws carry #6-32 and #8-32 screw ratings respectively.

### APPROVALS

UL	File No. E48521 Guide No. XCFR2
CSA	File No. 025562

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

DWV	10500 VDC
IR	>5000 Megohms

#### MECHANICAL

Tightening torque	8 in.-lbs.
Maximum torque	13 in.-lbs.
Wire strip length	5/16"
Wire range	10 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
-A	Oversize screws, #8-32 slotted
-C	No mounting ends
-F	Rap-attach mounts
-M	3.5 M screw, slotted
-P	.040" standoff pads
-V	130°C insulator

### HOW TO ORDER

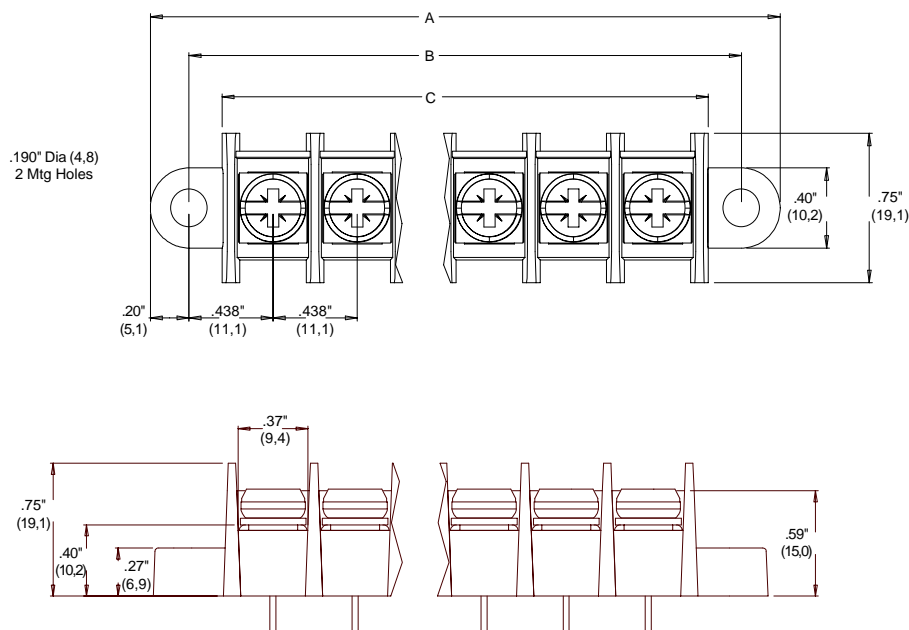
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS
7	3	R	X X X X X
1 2 3	Consult	(Dash #s above)	
5 6 7	Factory	and	
8 9		opposite page)	

\*Consult factory for combinations of screw options.

**BEAU**  
INTERCONNECT

Laconia, NH 03246-6600  
Phone (603) 524-5101  
Fax (603) 524-1627  
Internet [www.beauint.com](http://www.beauint.com)  
Division of Axsys Technologies

# SERIES 73 R



No. of Circuits

A

B

C

in.

mm

in.

mm

in.

mm

Consult Factory

for Number of

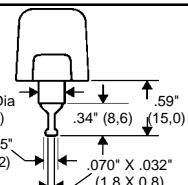
Circuits Available

## TERMINAL STYLES

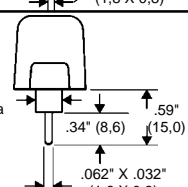
**STYLE 1**  
No PC  
Terminal



**STYLE 2**  
Insulated  
Solder  
Turret



**STYLE 3**  
Insulated  
PC

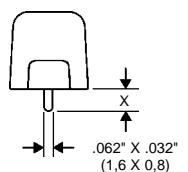


**STYLE 5**  
PC

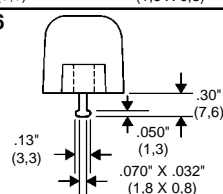
Option X

STD .22" (5,6)

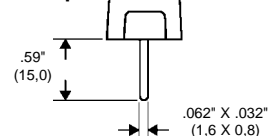
-12 .12 (3,0)



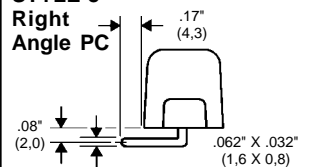
**STYLE 6**  
Solder  
Turret



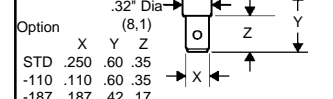
**STYLE 7**  
Wire Wrap



**STYLE 8**  
Right  
Angle PC



**STYLE 9**  
Insulated  
Quick  
Connect



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