

# SERIES 74

## .438" PCB Low Profile Barrier Terminal Strip

### Description

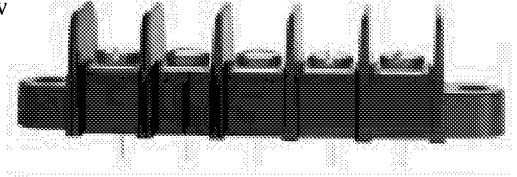
The series 74 PCB barrier terminal strip is the low profile version of our popular series 73 terminal block. The product series is available with the broad selection of screw, terminal and hardware options.

The .58" product height is very low when considering the maximum 25 Amp, 10 AWG wire rating.

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

- **Low profile** and rated for 25 Amps. The .58" high series 74 is our lowest profile product to accept a 10 AWG wire.
- **Robust and durable**, 74 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.



### PRODUCT RATINGS

#### #6-32 BINDING HEAD SCREW

<b>UL</b>	Class B	15 Amps @ 300 V	14 AWG
	Class C	15 Amps @ 300 V	14 AWG
<b>CSA</b>	Class B	20 Amps @ 150 V	14 AWG
	Class D	10 Amps @ 300 V	14 AWG

#### #6-32 WIRE CLAMP SCREW

<b>UL</b>	Class B	20 Amps @ 300 V	12 AWG
	Class C	20 Amps @ 300 V	12 AWG
<b>CSA</b>	Class B	20 Amps @ 150 V	12 AWG
	Class D	10 Amps @ 300 V	12 AWG

#### #8-32 WIRE CLAMP SCREW

<b>UL</b>	Class B	30 Amps @ 300 V	12 AWG
	Class C	30 Amps @ 300 V	12 AWG
<b>CSA</b>	Class B	30 Amps @ 150 V	12 AWG
	Class D	10 Amps @ 300 V	12 AWG

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

### APPROVALS

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

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

DWV	8500 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
-45-56	Stainless steel screw, slotted
-47	Screws up, wire ready
-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

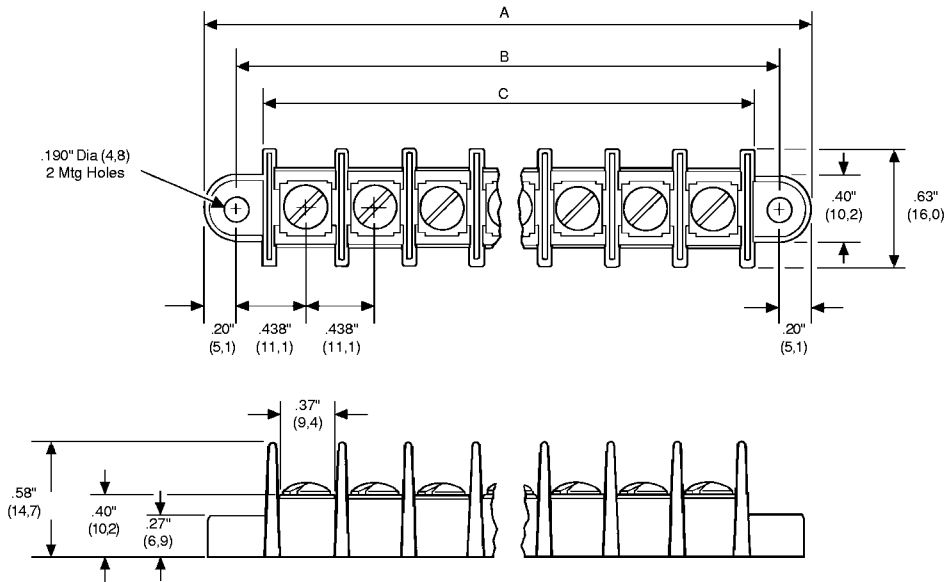
<b>7</b>	<b>4</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
SERIES	TERMINAL	NO. OF	OPTIONS		
	STYLE	POLES			
	1 2 3	2 to 30	(Dash #s above		
	5 6 7		and		
	8 9		opposite page)		

\*Consult factory for combinations of screw options.



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 Division of Axsys Technologies

# SERIES 74



No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.71	43,5	1.31	33,4	.97	24,6
3	2.15	54,6	1.75	44,5	1.40	35,7
4	2.59	65,7	2.19	55,6	1.84	46,8
5	3.03	76,8	2.63	66,7	2.28	57,9
6	3.46	88,0	3.06	77,8	2.72	69,0
7	3.90	99,1	3.50	88,9	3.15	80,1
8	4.34	110	3.94	100	3.59	91,2
9	4.78	121	4.38	111	4.03	102
10	5.21	132	4.81	122	4.47	113
11	5.65	144	5.25	133	4.90	125
12	6.09	155	5.69	144	5.34	136
13	6.53	166	6.13	156	5.78	147
14	6.96	177	6.56	167	6.22	158
15	7.40	188	7.00	178	6.65	169
16	7.84	199	7.44	189	7.09	180
17	8.28	210	7.88	200	7.53	191
18	8.71	221	8.31	211	7.97	202
19	9.15	232	8.75	222	8.40	213
20	9.59	244	9.19	233	8.84	225
21	10.03	255	9.63	244	9.28	236
22	10.46	266	10.06	256	9.72	247
23	10.90	277	10.50	267	10.15	258
24	11.34	288	10.94	278	10.59	269
25	11.78	299	11.38	289	11.03	280
26	12.22	310	11.81	300	11.47	291
27	12.65	321	12.25	311	11.90	302
28	13.09	332	12.69	322	12.34	313
29	13.53	344	13.13	333	12.78	325
30	13.96	355	13.56	345	13.22	336

## TERMINAL STYLES

**STYLE 1**  
No PC  
Terminal

**STYLE 2**  
Insulated  
Solder  
Turret

**STYLE 3**  
Insulated  
PC

**STYLE 5**  
PC

Option X

**STYLE 6**  
Solder  
Turret

**STYLE 7**  
Wire Wrap

**STYLE 8**  
Right  
Angle PC

**STYLE 9**  
Insulated  
Quick  
Connect