

SERIES 77

.375" Double Row Low Profile Barrier Terminal Strip

Description

The series 77 is the low profile version of our popular series 76 double row barrier terminal strip. The wide variety of screw, quick connect and solder hardware options can solve the most demanding applications.

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**, series 77 screw terminals are ultrasonically welded into the thermoplastic insulator. The terminal can not be twisted or rotated even under excessive force.
- **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 allows us to save you assembly costs and improve interconnect performance.



PRODUCT RATINGS

#6-32 BINDING HEAD SCREW

UL	Class B	15 Amps @ 300 V 14 AWG
	Class C	15 Amps @ 150 V 14 AWG
CSA	Class B	20 Amps @ 150 V 14 AWG
	Class C	20 Amps @ 150 V 14 AWG

#6-32 WIRE CLAMP SCREW

UL	Class B	20 Amps @ 300 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG
CSA	Class B	20 Amps @ 150 V 12 AWG
	Class C	20 Amps @ 150 V 12 AWG

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

APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	7500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 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, UL94V0, black
Terminal	Brass, nickel plate
Screws	#6-32, phillips/slotted, steel, zinc chromate plate

OPTIONS

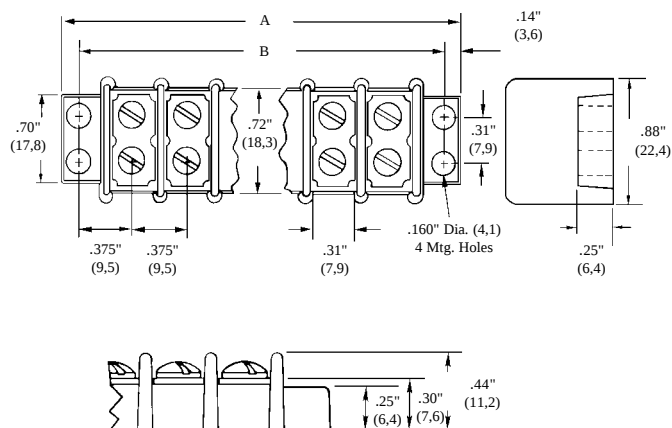
-45	Slotted screw
-45-56	Stainless steel screws, slotted
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barrier only
-59	Screws supplied unassembled
-60	One row screws unassembled
-61	One row screws not supplied
-C	No mounting ends
-M	3.5 M screw, slotted
-V	130°C insulator

HOW TO ORDER

7	7	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS		
	0 1 2	2 to 30	(Dash #s above and opposite page)		
	3 4 5				
	6 7				

*Consult factory for combinations of screw options.

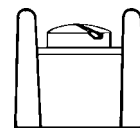
SERIES 77



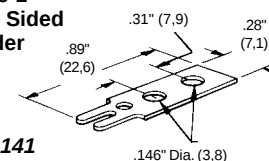
No. of Circuits	A		B	
	in.	mm	in.	mm
2	1.41	35,8	1.13	28,7
3	1.78	45,2	1.50	38,1
4	2.16	54,9	1.88	47,8
5	2.53	64,3	2.25	57,2
6	2.91	73,9	2.63	66,8
7	3.28	83,3	3.00	76,2
8	3.66	93,1	3.38	85,9
9	4.03	102	3.75	95,3
10	4.41	112	4.13	105
11	4.78	121	4.50	114
12	5.16	131	4.88	124
13	5.53	140	5.25	133
14	5.91	150	5.63	143
15	6.28	160	6.00	152
16	6.66	169	6.38	162
17	7.03	179	6.75	171
18	7.41	188	7.13	181
19	7.78	198	7.50	191
20	8.16	207	7.88	200
21	8.53	217	8.25	210
22	8.91	226	8.63	219
23	9.28	236	9.00	229
24	9.66	245	9.38	238
25	10.03	255	9.75	248
26	10.41	264	10.13	257
27	10.78	274	10.50	267
28	11.16	283	10.88	276
29	11.53	293	11.25	286
30	11.91	303	11.63	295

TERMINAL STYLES

STYLE 0 Screw Terminal

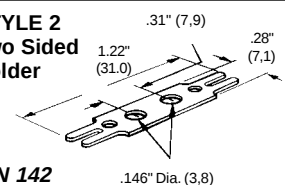


Style 1 One Sided Solder



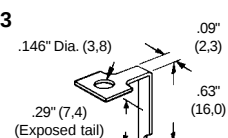
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STYLE 2 Two Sided Solder



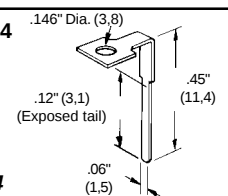
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STYLE 3 Short Solder



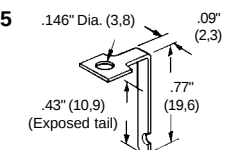
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STYLE 4 Short PC



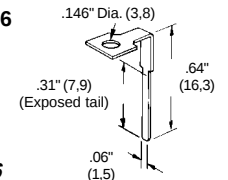
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STYLE 5 Long Solder



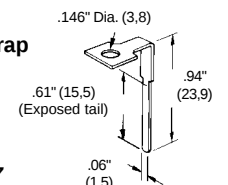
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STYLE 6 Long PC



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Style 7 Wire Wrap



P/N 147