

SERIES 12

.375" Phenolic Barrier Terminal Strip

Description

The series 12 phenolic barrier terminal strip is made for years of rugged use. The product features a high quality, precision screw machined terminal and the phenolic insulator is rated for high temperature, 150° C applications. The optional closed bottom construction allows the terminal block to be mounted directly on a panel without shorting.

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 quality**, precision screw machined brass terminal contacts are made to last. Screw machined terminals offer increased durability over formed terminals.
- **Closed bottom and feed-thru** construction allows the product series to be PCB, bulkhead or panel mounted, satisfying any of your applications.
- **High temperature phenolic** insulator out performs many thermoplastic compounds.
- **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

#5-40 BINDING HEAD SCREW

UL	Class B	15 Amps @ 300 V 16 AWG
	Class C	15 Amps @ 150 V 16 AWG
CSA	Class B	15 Amps @ 300 V 16 AWG
	Class C	15 Amps @ 300 V 16 AWG

APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL

DVV	8500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	8 in-lbs.
Maximum torque	9 in-lbs.
Wire strip length	5/16"
Wire range	16 to 28 AWG

ENVIRONMENTAL

Operating temp	-55° to +150° C
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MATERIALS

Insulator	Glass filled phenolic, UL94V-0, green
Terminal	Brass, tin plate
Screws	#5-40, phillips/slotted, steel, zinc chromate plate

OPTIONS

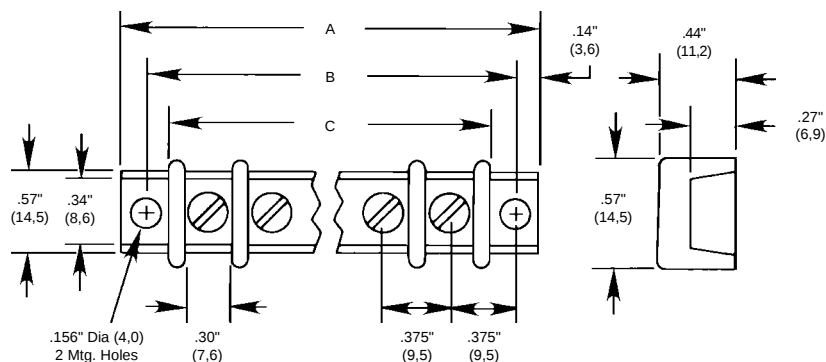
-49	Brass, phillips/slotted
-58	No screws, barrier only
-59	Screws supplied unassembled
-C	No mounting ends

HOW TO ORDER

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

*Consult factory for combinations of screw options.

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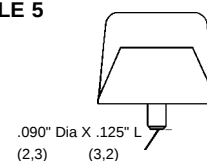


TERMINAL STYLES

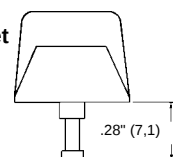
STYLE 1
No PC
Terminal



STYLE 5
PC



STYLE 6
Solder Turret



No. of Circuits	A		B		C	
	in.	mm	in.	mm	in.	mm
2	1.41	35,8	1.13	28,7	.89	22,6
3	1.78	45,2	1.50	38,1	1.27	32,1
4	2.16	54,9	1.88	47,8	1.64	41,7
5	2.53	64,3	2.25	57,2	2.02	51,2
6	2.91	73,9	2.63	66,8	2.39	60,7
7	3.28	83,3	3.00	76,2	2.77	70,2
8	3.66	93,0	3.38	85,9	3.14	79,8
9	4.03	102	3.75	95,3	3.52	89,3
10	4.41	112	4.13	105	3.89	98,8
11	4.78	121	4.50	114	4.27	108
12	5.16	131	4.88	124	4.64	118
13	5.53	140	5.25	133	5.02	127
14	5.91	150	5.63	143	5.39	137
15	6.28	160	6.00	152	5.77	146
16	6.66	169	6.38	162	6.14	156
17	7.03	179	6.75	171	6.52	166
18	7.41	188	7.13	181	6.89	175
19	7.78	198	7.50	191	7.27	185
20	8.16	207	7.88	200	7.64	194
21	8.53	217	8.25	210	8.02	204
22	8.91	226	8.63	219	8.39	213
23	9.28	236	9.00	229	8.77	223
24	9.66	245	9.38	238	9.14	232
25	10.03	255	9.75	248	9.52	242
26	10.41	264	10.13	257	9.89	251
27	10.78	274	10.50	267	10.27	261
28	11.16	283	10.88	276	10.64	270
29	11.53	293	11.25	286	11.02	280
30	11.91	303	11.63	295	11.39	289