

SERIES 70 D

.325" Dual Level PCB Barrier Terminal Strip

Description

The series 70D, dual level PCB barrier terminal strip is of single piece construction providing two rows of interconnection in the length of a standard .325" terminal block.

The terminal block provides an economical alternative to 5.0mm European designs. The robust No. 6-32 screw insures field integrity of the interconnection throughout years of service.

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 density** of the .325" pitch 70D barrier terminal strip exceeds 6 circuits per inch - more than 5.0mm European terminal blocks.
- **Single unit construction** is used to give you, the customer, the lowest installed costs. No assembly is required, unlike competitive systems.
- **Low profile, small footprint.** Size is minimized without reducing wire and screw access. The height is a low .710" and the width only 1.13".
- **Robust and durable** No. 6-32 screws are used to insure years of repeatable and reliable field use. Smaller screws can be stripped or otherwise damaged when used.



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	15 Amps @ 150 V	14 AWG
	Class C	10 Amps @ 300 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	15 Amps @ 150 V	12 AWG
	Class C	10 Amps @ 300 V	12 AWG

APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	8500 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	12 in-lbs.
Maximum torque	13 in-lbs.
Wire strip length	5/16"
Wire range	12 to 22 AWG

ENVIRONMENTAL

Operating temp	-55° to +160° 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

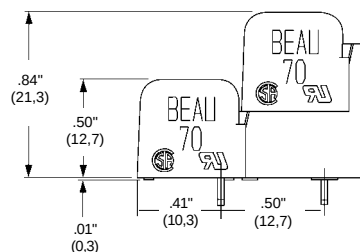
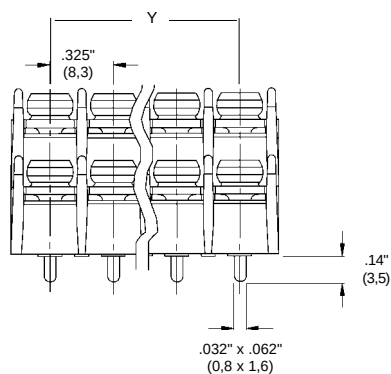
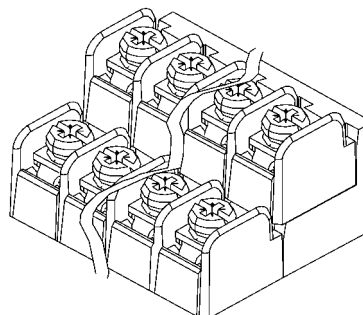
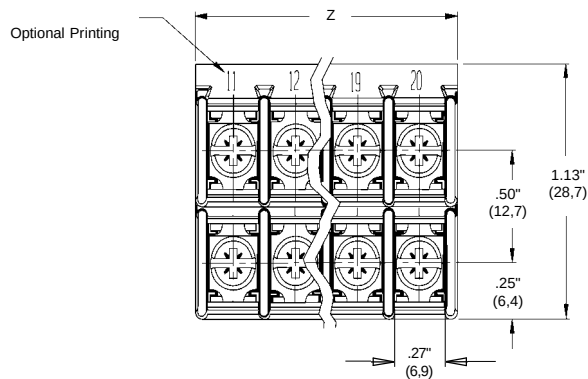
-45	Slotted screws
-47	Screws up, wire ready
-49	Brass, phillips/slotted screw
-50	Clamp washer, phillips/slotted screw
-58	No screws, barriers only
-59	Screws supplied unassembled
-88	Flat washer, posi-drive/slotted, 3.5mm
-T	Captive screws

HOW TO ORDER

7	0	D	X	X	X	X
SERIES	TERMINAL STYLE	NO. OF POLES	OPTIONS			
		4 to 24	(Dash #s above and opposite page)			

*Consult factory for combinations of screw options.

SERIES 70 D



No. of Circuits	Y		Z	
	in.	mm	in.	mm
4	.32	8,3	.73	18,4
6	.65	16,5	1.05	26,7
8	.98	24,8	1.38	34,9
10	1.30	33,0	1.70	43,2
12	1.62	41,3	2.03	51,4
14	1.95	49,5	2.35	59,7
16	2.28	57,8	2.68	67,9
18	2.60	66,0	3.00	76,2
20	2.92	74,3	3.33	84,5
22	3.25	82,6	3.65	92,7
24	3.58	90,8	3.98	101