

SERIES 94

5,08mm EuroMate® Pluggable PCB Terminal Block

Description

The series 94, EuroMate® pluggable PCB barrier terminal strip offers ruggedness and versatility in a high density format.

The patented design is fully mateable with Beau Eurostyle® terminal blocks as well as most competitive 5,08mm pin headers. Worldwide specifications and user preferences can now be satisfied with the interchangeable selection of Beau Eurostyle® and EuroMate® products.

The terminal block is rated for 12 AWG wires and up to 15 Amps.

Made in the USA in our ISO 9001 certified facility, all Beau products embody the highest quality, using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **No special tools**, the EuroMate® terminal block works with a common 1/4" blade or #2 Phillips screwdriver.
- **Rugged and durable**, 94 series can withstand in excess of 12 inch-lbs. of tightening torque, much more than other 5,08mm terminal blocks.
- **Accepts 1/4" wire lugs**. EuroMate® offers a degree of versatility unique among 5,08mm terminal blocks.
- **Mates with most 5,08mm pin headers**. The EuroMate® offers a new dimension of flexibility to industrial electronics I/O selection.
- **Integral retention screws**. Insure continued mating under the most severe conditions.



U.S. Patent No. 5,713,766

PRODUCT RATINGS

UL	Class B	15 Amps @ 300 V 12 AWG
	Class C	10 Amps @ 300 V 12 AWG
CSA	Class B	15 Amps @ 300 V 12 AWG
IEC 947-7-1		15 Amps @ 400 V 2,5mm ²

APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL	
DWV	4500 VDC
IR	>5000 Megohms

MECHANICAL	
Tightening torque	7 in.-lbs.
Maximum torque	12 in.-lbs.
Wire strip length	1/4"
Wire Range	12 to 22 AWG

ENVIRONMENTAL	
Operating temp	-30° to +105° C

MATERIALS

Insulator	Nylon 6.6, UL94V-0, black
Terminal	Phosphor bronze, Hot tin dip
Screws	M3,5 steel, w/ clamp washer, zinc chromate plate
Retention screws	M2,5 steel, zinc chromate plate

OPTIONS

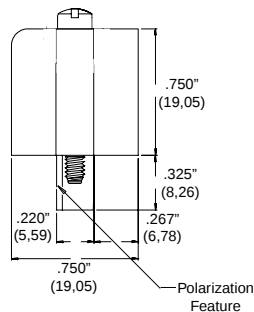
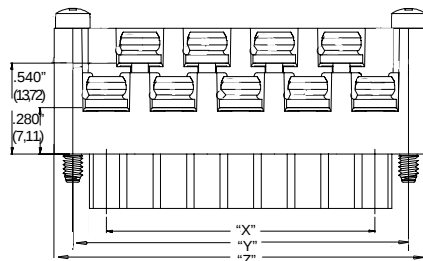
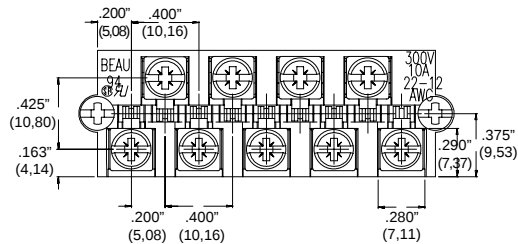
-G30	30 μ in. gold plated terminals
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HOW TO ORDER

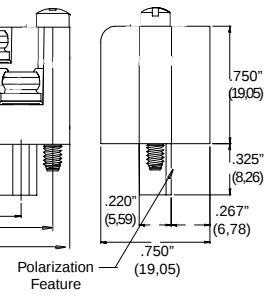
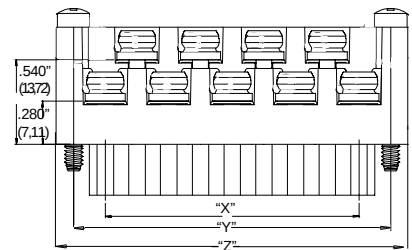
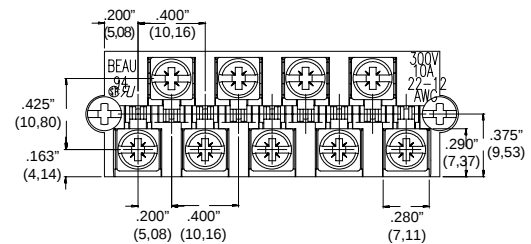
9	4	X	X	X	X	-	X	X
SERIES		STYLE		NO. OF POLES		OPTIONS		
		68						
		69		3 to 24		(Dash#'s above)		

SERIES 94

Style 68



Style 69



Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
946803	.40	10,2	.80	20,3	1.02	25,9
946804	.60	15,2	1.00	25,4	1.22	31,0
946805	.80	20,3	1.20	30,5	1.42	36,1
946806	1.00	25,4	1.40	35,6	1.62	41,1
946807	1.20	30,5	1.60	40,6	1.82	46,2
946808	1.40	35,6	1.80	45,7	2.02	51,3
946809	1.60	40,6	2.00	50,8	2.22	56,4
946810	1.80	45,7	2.20	55,9	2.42	61,5
946811	2.00	50,8	2.40	61,0	2.62	66,5
946812	2.20	55,9	2.60	66,0	2.82	71,6
946813	2.40	61,0	2.80	71,1	3.02	76,7
946814	2.60	66,0	3.00	76,2	3.22	81,8
946815	2.80	71,1	3.20	81,3	3.42	86,9
946816	3.00	76,2	3.40	86,4	3.62	91,9
946817	3.20	81,3	3.60	91,4	3.82	97,0
946818	3.40	86,4	3.80	96,5	4.02	102,1
946819	3.60	91,4	4.00	101,6	4.22	107,2
946820	3.80	96,5	4.20	106,7	4.42	112,3
946821	4.00	101,6	4.40	111,8	4.62	117,3
946822	4.20	106,7	4.60	116,9	4.82	122,4
946823	4.40	111,8	4.80	121,9	5.02	127,5
946824	4.60	116,9	5.00	127,0	5.22	132,6

Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
946903	.40	10,2	.80	20,3	1.02	25,9
946904	.60	15,2	1.00	25,4	1.22	31,0
946905	.80	20,3	1.20	30,5	1.42	36,1
946906	1.00	25,4	1.40	35,6	1.62	41,1
946907	1.20	30,5	1.60	40,6	1.82	46,2
946908	1.40	35,6	1.80	45,7	2.02	51,3
946909	1.60	40,6	2.00	50,8	2.22	56,4
946910	1.80	45,7	2.20	55,9	2.42	61,5
946911	2.00	50,8	2.40	61,0	2.62	66,5
946912	2.20	55,9	2.60	66,0	2.82	71,6
946913	2.40	61,0	2.80	71,1	3.02	76,7
946914	2.60	66,0	3.00	76,2	3.22	81,8
946915	2.80	71,1	3.20	81,3	3.42	86,9
946916	3.00	76,2	3.40	86,4	3.62	91,9
946917	3.20	81,3	3.60	91,4	3.82	97,0
946918	3.40	86,4	3.80	96,5	4.02	102,1
946919	3.60	91,4	4.00	101,6	4.22	107,2
946920	3.80	96,5	4.20	106,7	4.42	112,3
946921	4.00	101,6	4.40	111,8	4.62	117,3
946922	4.20	106,7	4.60	116,9	4.82	122,4
946923	4.40	111,8	4.80	121,9	5.02	127,5
946924	4.60	116,9	5.00	127,0	5.22	132,6