

SERIES 90

3,81mm Eurostyle® Pluggable PCB Terminal Block

Description

These Eurostyle® terminal blocks for PC boards are a 2-piece plug and header system that are polarized with the industry-standard design. They offer the convenience of pluggability and superior reliability of rising cage pressure clamps for securing wires.

Made in the USA, all Eurostyle® 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

- **Holds wires for a secure, reliable contact.** The specially designed rising cage pressure clamp compresses wires uniformly. Serrations produce a high pressure, gas-tight interface.
- **Industry-standard interface.** Plug and header are intermateable with competitive pluggable terminal blocks. They are polarized with the industry-standard design.
- **High flammability rating.** 94V-0 is the highest available rating for the insulator - better than other leading brands.
- **Integral retention screws.** Insure continued mating under the most severe conditions.
- **Captive clamp screws** insure reliable, repeatable terminations.



PRODUCT RATINGS

UL	Class B	10 Amps @150 V 16 AWG
	Class C	10 Amps @150 V 16 AWG
CSA	Class B	10 Amps @150 V 16 AWG
IEC 947-7-1		10 Amps @ 125 V 1,5mm ²

APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL	
DWV	3000 VDC
IR	>5000 Megohms

MECHANICAL	
Tightening torque	2.5 in.-lbs.
Maximum torque	2.75 in.-lbs.
Wire strip length	.250 in. or 6 mm
Wire Range	16 to 26 AWG

ENVIRONMENTAL	
Operating temp	-35°C to 130°C

MATERIALS

Insulator	Polyester PBTP, UL94V-0, black
Pressure clamp	Brass, nickel plate
Contacts	BeCu, tin plate
Header pins	Brass, tin plate
Screws	2.0mm, steel, zinc chromate plate
Screws mtg. end	2.5mm, steel, zinc chromate plate

OPTIONS

-10A	Sequential numbering
-G30	30 µ in. gold plated terminals

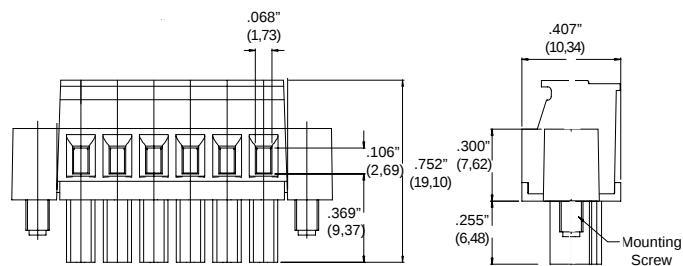
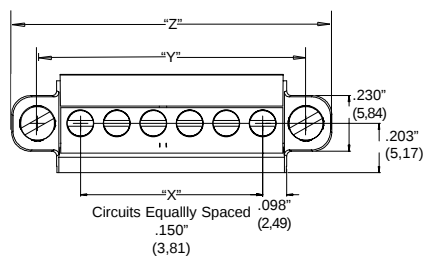
HOW TO ORDER

9	0	X	X	X	X	-	X	X
SERIES		STYLE		NO. OF POLES		OPTIONS		
		68						
		69		2 to 21		(Dash#'s above)		

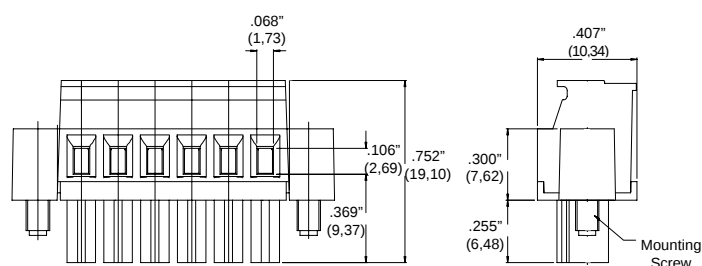
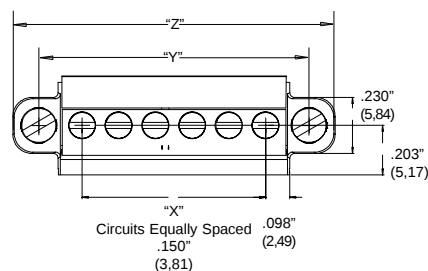
SERIES 90

Style

68



Style 69



Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
906802	.15	3,8	.50	12,8	.72	18,2
906803	.30	7,6	.65	16,6	.87	22,0
906804	.45	11,4	.80	20,4	1.02	25,8
906805	.60	15,2	.95	24,2	1.17	29,6
906806	.75	19,1	1.10	28,0	1.32	33,4
906807	.90	22,9	1.25	31,9	1.47	37,2
906808	1.05	26,7	1.40	35,7	1.62	41,0
906809	1.20	30,5	1.55	39,5	1.77	44,9
906810	1.35	34,3	1.70	43,3	1.92	48,7
906811	1.50	38,1	1.85	47,1	2.07	52,5
906812	1.65	41,9	2.00	50,9	2.22	56,3
906813	1.80	45,8	2.15	54,7	2.37	60,1
906814	1.95	49,6	2.30	58,5	2.52	63,9
906815	2.10	53,4	2.45	62,3	2.67	67,7
906816	2.25	57,2	2.60	66,1	2.82	71,5
906817	2.40	61,0	2.75	70,0	2.97	75,3
906818	2.55	64,8	2.90	73,8	3.12	79,1
906819	2.70	68,6	3.05	77,6	3.27	83,0
906820	2.85	72,4	3.20	81,4	3.42	86,8
906821	3.00	76,3	3.35	85,2	3.57	90,6

Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
906902	.15	3,8	.50	12,8	.72	18,2
906903	.30	7,6	.65	16,6	.87	22,0
906904	.45	11,4	.80	20,4	1.02	25,8
906905	.60	15,2	.95	24,2	1.17	29,6
906906	.75	19,1	1.10	28,0	1.32	33,4
906907	.90	22,9	1.25	31,9	1.47	37,2
906908	1.05	26,7	1.40	35,7	1.62	41,0
906909	1.20	30,5	1.55	39,5	1.77	44,9
906910	1.35	34,3	1.70	43,3	1.92	48,7
906911	1.50	38,1	1.85	47,1	2.07	52,5
906912	1.65	41,9	2.00	50,9	2.22	56,3
906913	1.80	45,8	2.15	54,7	2.37	60,1
906914	1.95	49,6	2.30	58,5	2.52	63,9
906915	2.10	53,4	2.45	62,3	2.67	67,7
906916	2.25	57,2	2.60	66,1	2.82	71,5
906917	2.40	61,0	2.75	70,0	2.97	75,3
906918	2.55	64,8	2.90	73,8	3.12	79,1
906919	2.70	68,6	3.05	77,6	3.27	83,0
906920	2.85	72,4	3.20	81,4	3.42	86,8
906921	3.00	76,3	3.35	85,2	3.57	90,6