

## SERIES 99

# 5,0mm Eurostyle® Pluggable PCB Terminal Block

### Description

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

Featuring a new lower profile the mated vertical plug and header is 69% shorter than standard mated vertical plug and header combination and 45% more narrow than the mated horizontal plug and right angle header.

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 electrical connection.** The rising cage clamp compresses wires uniformly. Built for repeated engagements, it doesn't damage fine stranded wires.
- **High reliability female contact.** Design analysis and years of service on millions of connectors verify a highly reliable and proven design.
- **Secure retention system resists vibration and wire loads.** Positive latching mechanism that includes audible and visual mating verification.
- **Polarization feature.** Eliminates potential for mis-mating of plug to header and facilitates blind mating. Custom order for unique plug and header keying.



### PRODUCT RATINGS

UL	Class B	12 Amps @ 300 V 12 AWG
	Class C	10 Amps @ 300 V 12 AWG
CSA	Class B	10 Amps @ 300 V 12 AWG
IEC 947-7-1		10 Amps @ 300 V 2,5 mm <sup>2</sup>

### APPROVALS

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

### TECHNICAL SPECIFICATIONS

#### ELECTRICAL

DWV	>4000 VDC
IR	>5000 Megohms

#### MECHANICAL

Tightening torque	5 in.-lbs.
Maximum torque	7 in.-lbs.
Wire strip length	.250 in. or 6 mm
Wire Range	12 to 24 AWG

#### ENVIRONMENTAL

RTI Electrical	-55° to +110° C
UL 746B	

### MATERIALS

Insulator	Polyamide 6/6.6, UL94V-0, black
Pressure clamp	Brass, nickle plate
Contacts	Phosphor bronze, tin plate
Header pins	Brass, tin plate
Screws	3mm, steel, zinc chromate plate

### OPTIONS

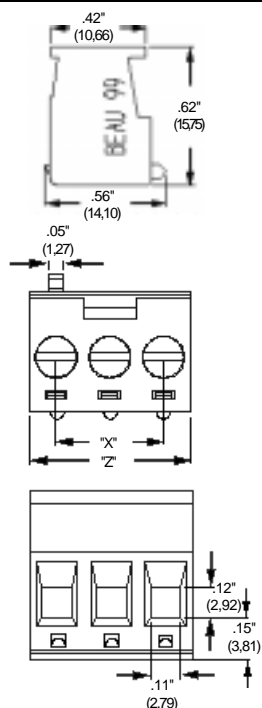
-10A	Sequential numbering
-G30	30 μ in. gold plated terminals

### HOW TO ORDER

9	9	X	X	X	X	-	X	X
SERIES		STYLE		NO. OF POLES		OPTIONS		
		09		2 to 18		(Dash#'s above)		

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## Style 09



Part	X		Z	
Number	in	mm	in	mm
990902	.20	5,1	.42	10,7
990903	.39	9,9	.62	15,7
990904	.59	15,0	.82	20,8
990905	.79	20,1	1.02	25,9
990906	.99	25,1	1.21	30,7
990907	1.18	30,0	1.41	35,8
990908	1.38	35,1	1.61	40,9
990909	1.58	40,1	1.80	45,7
990910	1.77	45,0	2.00	50,8
990911	1.97	50,0	2.20	55,9
990912	2.17	55,1	2.39	60,7
990913	2.36	59,9	2.59	65,8
990914	2.56	65,0	2.79	70,9
990915	2.76	70,1	2.99	75,9
990916	2.95	74,9	3.18	80,8
990917	3.15	80,0	3.38	85,9
990918	3.35	85,1	3.58	90,9