

SERIES 85

5,0mm Eurostyle® Single-piece (fixed) Blocks

Description

These Eurostyle® terminal blocks are single-piece styles for permanent mounting to PC boards. This economical terminal block uses a screw clamp system for securing wires. They are one of the smallest of their type on the market.

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

- **Economical screw clamp system** is used for making wire connections.
- **Low profile, small footprint.** Our right-angle and straight-through styles, at .470" x .350", take less PCB space than other brands on the market.
- **Made for multiple mating.** The phosphor bronze contacts ensures repeatable wire clamping.
- **Widest range of wire sizes.** Takes from 12 to 30 AWG, a broader range of wire sizes than most other brands.
- **Molded to lengths form 2 to 24 circuits**
- **High flammability rating.** 94V-0 is the highest available rating for the insulator.



PRODUCT RATINGS

UL	Class B	15 Amps @ 300 V 12 AWG
	Class C	10 Amps @ 300 V 12 AWG
	Limited	

CSA	Class B	10 Amps @ 300 V 12 AWG
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IEC 947-7-1	17.5 Amps @ 250V 1,5mm ²
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APPROVALS

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

TECHNICAL SPECIFICATIONS

ELECTRICAL

DWV	4000 VDC
IR	>5000 Megohms

MECHANICAL

Tightening torque	2.5 in.-lbs.
Wire strip length	.250" or 6 mm
Wire Range	12 to 30 AWG

ENVIRONMENTAL

Operating temp	-55° to +100° C
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MATERIALS

Insulator	Thermoplastic, UL94V-0, black
Terminal	Brass, tin-lead plate
Wire protector	Phosphor bronze, tin-lead plate
Screws	2.5mm, steel, zinc chromate plate

OPTIONS

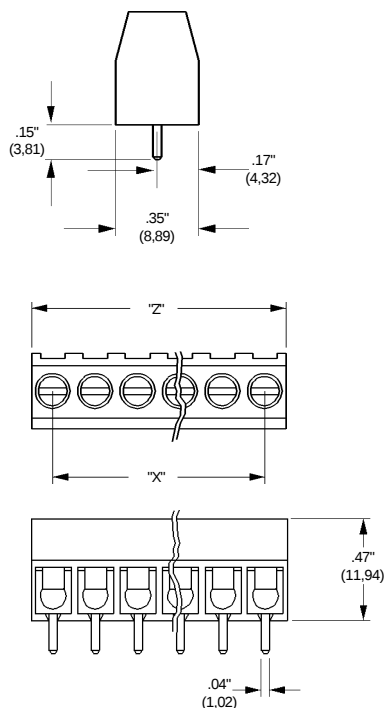
-10A	Sequential numbering
-72	Without wire protectors
-10MM	Terminals every other position

HOWTO ORDER

8	5	X	X	X	-	X	X
SERIES	STYLE	NO. OF	POLES	OPTIONS			
	4 5 8	2 to 24		(Dash#' s above)			

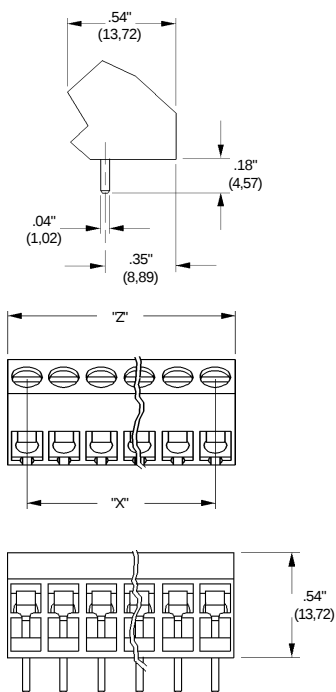
SERIES 85

Style 5



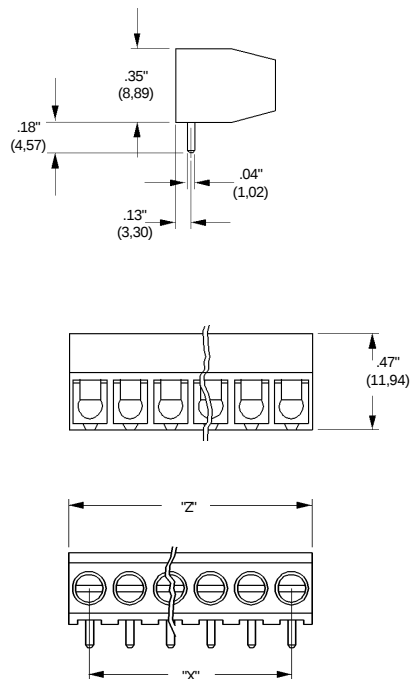
Part	X		Z	
Number	in	mm	in	mm
85502	.20	5,0	.40	10,2
85503	.39	10,0	.60	15,2
85504	.59	15,0	.79	20,2
85505	.79	20,0	.99	25,2
85506	.98	25,0	1.19	30,2
85507	1.18	30,0	1.38	35,2
85508	1.38	35,0	1.58	40,2
85509	1.57	40,0	1.78	45,2
85510	1.77	45,0	1.97	50,2
85511	1.97	50,0	2.17	55,2
85512	2.17	55,0	2.37	60,2
85513	2.36	60,0	2.57	65,2
85514	2.56	65,0	2.76	70,2
85515	2.76	70,0	2.96	75,2
85516	2.95	75,0	3.16	80,2
85517	3.15	80,0	3.35	85,2
85518	3.35	85,0	3.55	90,2
85519	3.54	90,0	3.75	95,2
85520	3.74	95,0	3.94	100,2
85521	3.94	100,0	4.14	105,2
85522	4.13	105,0	4.34	110,2
85523	4.33	110,0	4.53	115,2
85524	4.53	115,0	4.73	120,2

Style 4



Part	X		Z	
Number	in	mm	in	mm
85402	.20	5,0	.40	10,2
85403	.39	10,0	.60	15,2
85404	.59	15,0	.79	20,2
85405	.79	20,0	.99	25,2
85406	.98	25,0	1.19	30,2
85407	1.18	30,0	1.38	35,2
85408	1.38	35,0	1.58	40,2
85409	1.57	40,0	1.78	45,2
85410	1.77	45,0	1.97	50,2
85411	1.97	50,0	2.17	55,2
85412	2.17	55,0	2.37	60,2
85413	2.36	60,0	2.57	65,2
85414	2.56	65,0	2.76	70,2
85415	2.76	70,0	2.96	75,2
85416	2.95	75,0	3.16	80,2
85417	3.15	80,0	3.35	85,2
85418	3.35	85,0	3.55	90,2
85419	3.54	90,0	3.75	95,2
85420	3.74	95,0	3.94	100,2
85421	3.94	100,0	4.14	105,2
85422	4.13	105,0	4.34	110,2
85423	4.33	110,0	4.53	115,2
85424	4.53	115,0	4.73	120,2

Style 8



Part	X		Z	
Number	in	mm	in	mm
85802	.20	5,0	.40	10,2
85803	.39	10,0	.60	15,2
85804	.59	15,0	.79	20,2
85805	.79	20,0	.99	25,2
85806	.98	25,0	1.19	30,2
85807	1.18	30,0	1.38	35,2
85808	1.38	35,0	1.58	40,2
85809	1.57	40,0	1.78	45,2
85810	1.77	45,0	1.97	50,2
85811	1.97	50,0	2.17	55,2
85812	2.17	55,0	2.37	60,2
85813	2.36	60,0	2.57	65,2
85814	2.56	65,0	2.76	70,2
85815	2.76	70,0	2.96	75,2
85816	2.95	75,0	3.16	80,2
85817	3.15	80,0	3.35	85,2
85818	3.35	85,0	3.55	90,2
85819	3.54	90,0	3.75	95,2
85820	3.74	95,0	3.94	100,2
85821	3.94	100,0	4.14	105,2
85822	4.13	105,0	4.34	110,2
85823	4.33	110,0	4.53	115,2
85824	4.53	115,0	4.73	120,2