

Single Row Terminal Blocks

General Information:

Single Row Terminal Blocks are available in four basic line to line molding sizes. Some are available in either open or feed thru/printed circuit designs. The basic material is phenolic. Modifications are also provided on most terminal blocks, including marking strips.

Ratings and Standards:

The voltage ratings of terminal blocks are based upon the minimum spacing between electrically conductive parts line to line through air and over surface and line to ground through air and over surface.

Class A

Service equipment including deadfront switchboards, panel boards, service entrance devices.

Class B

Commercial appliances including business equipment, electronic data processing equipment and the like.

Class C

Industrial, general

Ratings based on UL 1059 may be higher in some cases depending on application.

Spacing Requirements (in inches):

	Voltage	Thru Air	Over Surface
Class A	51-150	0.500	0.750
	151-300	0.750	1.250
	301-600	1.000	2.000
Class B	51-150	0.063	0.063
	151-300	0.094	0.094
	301-600	0.375	0.500
Class C	51-150	0.125	0.250
	151-300	0.250	0.375
	301-600	0.375	0.500

Reference Chart:

Series	Catalog Page	Amps	Voltage Rating		Base Material	Max Wire Size	Screw Size	Inches L to L	# of Lines	Features
			Class B	Class C						
411	95	5	300	N/A	Phenolic	#18	2-56	.250	1-23	Open Back
599*	96	15	300	150	Phenolic	#16	5-40	.375	1-30	Open Back
799*	96	15	300	150	Phenolic	#16	5-40	.375	1-30	Open Back
699*	97	20	N/A	150	Phenolic	#14	6-32	.437	1-23	Open Back
899*	97	20	600	600	Phenolic	#14	6-32	.437	1-23	Open Back
812*	98	30	N/A	150	Phenolic	#12	8-32	.562	1-18	Open Back
912*	98	30	N/A	300	Phenolic	#12	8-32	.562	1-18	Open Back
1690	99-100	20	300	150	Phenolic	#14	6-32	.437	1-25	Feed Thru
2590	101	15	300	150	Phenolic	#16	6-32	.375	1-25	Printed Circuit
2690	102-103	20	300	150	Phenolic	#14	6-32/8-32	.437	1-25	Printed Circuit

*Open back terminal blocks require an insulator strip to achieve voltage rating.