

Barrier Terminal Blocks

Interposing barriers between each terminal position yields substantially higher electrical ratings and provides an additional safeguard against shorting from frayed wires. The wide size range of "Jones" barrier terminal blocks, plus the several termination options and the available accessories permit flexibility of end use applications.

Series 100

Electrical Specifications				
Series	Max. Volts RMS Without Marker Strip	Max. Volts RMS With Marker Strip	Max. Current In Amps	Max. Watts Per Terminal
140	1100	2000	15	3750
141	1100	2400	20	5000
142	1600	2600	30	7500

Dimensions						
Dim.	Series 140		Series 141		Series 142	
	In.	mm	In.	mm	In.	mm
A	0.875	22.23	1.125	28.58	1.312	33.34
B	0.688	17.46	0.875	22.23	1.062	26.99
C	0.313	7.94	0.422	10.72	0.500	12.70
D	0.375	9.53	0.438	11.11	0.563	14.29
E	0.406	10.32	0.500	12.70	0.625	15.88
F	0.250	6.35	0.313	7.94	0.375	9.53
G	0.160	4.06	0.175/0.185	4.45/4.70	0.209	5.31
H	5/40		6/32		8/32	
J	0.141	3.57	0.156	3.97	0.203	5.16

Series 140						
With binding head screw, for up to #16 solid wire.						
Stock No.	Mfr.'s Type	Terminals	EACH			
			1-24	25-49	50-99	100-249
750-4002	2-140	2	.89	.65	.55	.53
750-4003	3-140	3	1.06	.76	.67	.61
750-4004	4-140	4	1.21	.82	.71	.62
750-4005	5-140	5	1.37	.95	.82	.71
750-4006	6-140	6	1.75	1.19	1.04	.89
750-4007	7-140	7	1.87	1.30	1.12	.96
750-4008	8-140	8	2.15	1.47	1.28	1.10
750-4009	9-140	9	2.47	1.64	1.47	1.26
750-4010	10-140	10	2.56	1.89	1.59	1.41
750-4012	12-140	12	3.08	2.16	1.88	1.61
750-4014	14-140	14	3.55	2.36	2.27	1.94
750-4015	15-140	15	3.63	2.53	2.31	1.90
750-4016	16-140	16	3.86	2.63	2.48	2.13
750-4018	18-140	18	4.16	2.92	2.67	2.29
750-4020	20-140	20	4.52	3.33	3.04	2.62
750-4024	24-140	24	5.40	3.96	3.65	3.12
750-4025	25-140	25	5.68	4.19	3.83	3.30

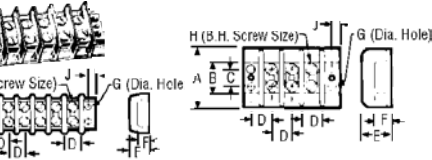
Series 140-Y						
With Y terminal, for up to #16 solid wire.						
750-4104	4-140-Y	4	1.80	1.23	1.07	.92
750-4106	6-140-Y	6	2.68	1.84	1.60	1.37
750-4108	8-140-Y	8	2.92	2.04	1.88	1.61
750-4110	10-140-Y	10	3.53	2.46	2.26	1.93
750-4112	12-140-Y	12	3.86	3.51	3.21	2.75
750-4114	14-140-Y	14	4.21	3.83	3.51	3.01
750-4116	16-140-Y	16	4.46	4.06	3.72	3.19
750-4120	20-140-Y	20	5.53	4.81	4.41	3.79

Series 141						
With binding head screw, for up to #14 solid wire.						
750-4302	2-141	2	.89	.65	.55	.47
750-4303	3-141	3	1.64	1.14	1.00	.84
750-4304	4-141	4	1.64	1.14	1.00	.84
750-4305	5-141	5	1.87	1.30	1.12	.96
750-4306	6-141	6	2.15	1.47	1.28	1.10
750-4307	7-141	7	2.65	1.82	1.57	1.39
750-4308	8-141	8	2.77	1.91	1.66	1.44
750-4310	10-141	10	3.21	2.25	1.95	1.68
750-4312	12-141	12	3.66	2.57	2.34	2.01
750-4314	14-141	14	4.17	3.06	2.80	2.40
750-4315	15-141	15	4.47	3.29	3.02	2.58
750-4316	16-141	16	4.69	3.45	3.14	2.70
750-4318	18-141	18	4.95	3.65	3.35	2.88
750-4320	20-141	20	5.86	4.29	3.93	3.39

Jumpers

For making connection between adjacent terminals. Model 142J-1 connects two alternate terminals. All jumpers are brass with a nickel-plated finish.

Stock No.	Mfr.'s Type	For Use With	EACH			
			1-24	25-49	50-99	100-249
750-7661	140-J-1	140	.19	.15	.12	.11
750-7662	141-J	141	.22	.18	.15	.13
750-7663	141J-1	141	.30	.24	.20	.17
750-7664	95B	142	.63	.51	.42	.36



Series 100 (continued)

Series 142						
Accommodates up to #10 solid wires.						
Stock No.	Mfr.'s Type	Terminals	EACH			
			1-24	25-49	50-99	100-249
750-4602	2-142	2	1.52	1.06	.91	.78
750-4603	3-142	3	1.82	1.26	1.10	.93
750-4604	4-142	4	2.14	1.46	1.26	1.08
750-4605	5-142	5	3.07	2.10	1.84	1.57
750-4606	6-142	6	4.13	2.90	2.65	2.27
750-4607	7-142	7	4.30	3.15	2.89	2.49
750-4608	8-142	8	4.47	3.29	3.02	2.60
750-4609	9-142	9	6.86	5.05	4.63	3.98
750-4610	10-142	10	7.22	5.31	4.87	4.25
750-4612	12-142	12	7.58	5.58	5.11	4.38
750-4614	14-142	14	8.76	6.58	6.03	5.17
750-4615	15-142	15	8.78	6.60	6.05	5.19
750-4616	16-142	16	9.37	7.04	6.45	5.54

500 Series

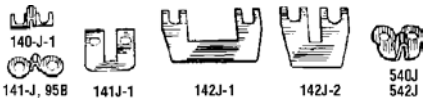
The 500 Series Jones barrier terminal blocks have high barriers and are designed for applications where electrical and mechanical performance requirements are especially critical. Bottoms are closed so insulating strips are not required. UL Recognized.

Dimensions						
Dim.	Series 540		Series 541		Series 542	
	In.	mm	In.	mm	In.	mm
A	1.125	28.58	1.375	34.93	1.625	41.28
B	5.940	15.08	0.750	19.05	0.875	22.23
C	0.313	7.94	0.422	10.72	0.500	12.70
D	0.375	9.53	0.438	11.11	0.563	14.29
E	0.609	15.48	0.688	17.46	0.875	22.23
F	0.328	8.33	0.375	9.53	0.500	12.70
G	0.160	4.06	0.175/0.185	4.45/4.70	0.209	5.31
H	5/40 × 3/16		6/32 × 1/4		8/32 × 5/16	
J	0.141	3.57	0.156	3.97	0.203	5.16

Series 540						
Creepage Distance: 1/2". 2300 V rms/15 A.						
Stock No.	Mfr.'s Type	Terminals	EACH			
			1-24	25-49	50-99	100-249
750-5402	2-540	2	2.35	2.13	1.96	1.68
750-5404	4-540	4	3.94	3.49	3.20	2.74
750-5406	6-540	6	6.09	4.48	4.11	3.52
750-5410	10-540	10	6.68	6.08	5.57	4.77
750-5412	12-540	12	12.06	10.05	8.61	8.04

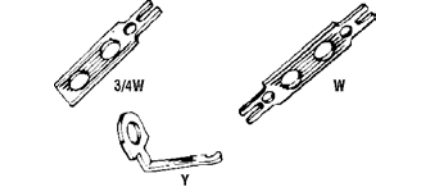
Series 541						
Creepage Distance: 5/8". 2800 V rms/20 A.						
750-5504	4-541	4	2.44	2.19	1.83	1.57
750-5506	6-541	6	6.64	6.04	5.54	4.75
750-5508	8-541	8	6.94	6.31	5.78	4.95
750-5510	10-541	10	12.42	11.29	10.35	8.87
750-5512	12-541	12	12.72	11.56	10.60	9.08

Series 542						
Creepage Distance: 3/4". 4000 V rms/30 A.						
750-5604	4-542	4	5.92	5.38	4.93	4.23
750-5606	6-542	6	7.90	7.18	6.58	5.64
750-5610	10-542	10	12.00	10.90	10.00	8.57
750-5612	12-542	12	16.94	12.86	11.78	10.25



Stock No.	Mfr.'s Type	For Use With	EACH			
			1-24	25-49	50-99	100-249
750-7665	142J-1	142/542	.30	.24	.20	.17
750-7666	142J-2	142/542	.19	.15	.12	.11
750-7667	540J	540	1.26	1.01	.84	.72
750-7669	542J	542	1.43	1.14	.95	.82

Solder Terminals



Optional terminals for use with barrier blocks. Refer to ordering information below for type and terminal block cross-reference.

Stock No.	Mfr.'s Type	For Use With	EACH			
			1-24	25-49	50-99	100-249
750-7650	3/4W-140	140/540	.30	.24	.20	.17
750-7652	Y-140	140/540	.30	.24	.20	.17
750-7654	W-141	141/542	.41	.33	.28	.24
750-7656	3/4W-142	142/542	.55	.50	.46	.39
750-7658	Y-142	142/542	.57	.45	.38	.32

Marker Strips

Marker strips identify terminal positions on barrier terminal blocks and insulate exposed portions of terminals from a conductive mounting surface. Marker strips for Series 140 are 1/32" thick, flame-retardant material and mount under the terminal strip. **Shipping Weight.**: 2 oz. 1/8" white numerals standard.

Stock No.	Mfr.'s Type	Terminals	EACH			
			1-24	25-49	50-99	100-249
750-5704	MS-4-140	4	.55	.44	.37	.31
750-5706	MS-6-140	6	.55	.44	.37	.31
750-5708	MS-8-140	8	.62	.50	.42	.35
750-5710	MS-10-140	10	.72	.58	.48	.41
750-5712	MS-12-140	12	.72	.58	.48	.41
750-5714	MS-14-140	14	.66	.60	.55	.47
750-5716	MS-16-140	16	.94	.75	.63	.54
750-5720	MS-20-140	20	1.15	.92	.77	.66

Series 141						
750-5902	MS-2-141	2	.48	.39	.32	.28
750-5904	MS-4-141	4	.55	.44	.37	.31
750-5905	MS-5-141	5	.56	.45	.38	.32
750-5906	MS-6-141	6	.56	.45	.38	.32
750-5908	MS-8-141	8	.67	.53	.45	.38
750-5910	MS-10-141	10	.72	.58	.48	.41
750-5912	MS-12-141	12	.83	.66	.55	.47
750-5920	MS-20-141	20	1.45	1.16	.96	.83