

Insulated aluminum multi-tap connectors

Blackburn[®]



Thomas & Betts
A Member of the ABB Group

Blackburn® insulated aluminum multi-tap connectors

PVC insulation — available in your choice of clear or black — enables safe and time-saving installation with no tape required.

Ideal for both commercial and industrial applications, Blackburn insulated aluminum multi-tap connectors make it easy to install splices, taps and terminations in the field. PVC coating provides built-in insulation, eliminating the need for time-consuming taping.

- Versatile, space-saving design supports a wide range of cable sizes and number of outlets in one-way and two-way configurations
- Quick and easy to install in the field
- Dual-rated for use with aluminum or copper conductors
- Clear PVC insulated versions meet or exceed ANSI C119.4 specifications
- Black UV-resistant PVC insulated versions are UL® listed



Clear insulation part no.	Black insulation part no.	Wire range (AWG)	Dimensions (in.)			Screw type
			Length	Width	Height	
Splices						
—	AMTSR10	1/0–#14 Str.	2.68	.81	1.55	Slotted
CSR 250	AMTSR250	250 kcmil–#6 Str.	4.00	1.06	2.00	3/16 Hex
CSR 350	AMTSR350	350 kcmil–#6 Str.	4.56	1.37	2.12	3/16 Hex
—	AMTSR500	500 kcmil–#4 Str.	6.18	1.61	2.56	3/16 Hex
Offset splices						
—	AMTTC4	#4–#14 Str.	1.15	1.5	1.25	Slotted
—	AMTT20	2/0–#14 Str.	1.63	1.68	1.62	3/16 Hex
—	AMTT250	250 kcmil–#10 Str.	2.12	2.63	2.13	3/16 Hex
Cable blocks — one-way configuration — #4–#14 AWG stranded						
CSB 4-2 S	AMTS4142	#4–#14 Str.	1.15	1.25	1.25	Slotted
CSB 4-3 S	AMTS4143	#4–#14 Str.	1.63	1.25	1.25	Slotted
CSB 4-4 S	AMTS4144	#4–#14 Str.	2.12	1.25	1.25	Slotted
CSB 4-5 S	AMTS4145	#4–#14 Str.	2.61	1.25	1.25	Slotted
CSB 4-6 S	AMTS4146	#4–#14 Str.	3.09	1.25	1.25	Slotted
Cable blocks — one-way configuration — 2/0–#14 AWG stranded						
CSB 2/0-2 S	AMTS20142	2/0–#14 Str.	1.63	1.50	1.63	3/16 Hex
CSB 2/0-3 S	AMTS20143	2/0–#14 Str.	2.35	1.50	1.63	3/16 Hex
CSB 2/0-4 S	AMTS20144	2/0–#14 Str.	3.08	1.50	1.63	3/16 Hex
CSB 2/0 5 S	AMTS20145	2/0–#14 Str.	3.80	1.50	1.63	3/16 Hex
CSB 2/0-6 S	AMTS20146	2/0–#14 Str.	4.53	1.50	1.63	3/16 Hex
CSB 2/0-7 S	AMTS20147	2/0–#14 Str.	5.26	1.50	1.63	3/16 Hex
CSB 2/0-8 S	AMTS20148	2/0–#14 Str.	5.98	1.50	1.63	3/16 Hex

Clear insulation part no.	Black insulation part no.	Wire range (AWG)	Dimensions (in.)			Screw type
			Length	Width	Height	
Cable blocks — one-way configuration — 250 kcmil—#6 AWG stranded						
CSB 250-2 S	AMTS25062	250 kcmil—#6 Str.	2.12	2.13	2.13	5/16 Hex
CSB 250-3 S	AMTS25063	250 kcmil—#6 Str.	3.09	2.13	2.13	5/16 Hex
CSB 250-4 S	AMTS25064	250 kcmil—#6 Str.	4.06	2.13	2.13	5/16 Hex
CSB 250-5 S	AMTS25065	250 kcmil—#6 Str.	5.03	2.13	2.13	5/16 Hex
CSB 250-6 S	AMTS25066	250 kcmil—#6 Str.	6.00	2.13	2.13	5/16 Hex
CSB 250-7 S	AMTS25067	250 kcmil—#6 Str.	6.98	2.13	2.13	5/16 Hex
CSB 250-8 S	AMTS25068	250 kcmil—#6 Str.	7.95	2.13	2.13	5/16 Hex
Cable blocks — one-way configuration — 350 kcmil—#10 AWG stranded						
CSB 350-2 S	AMTS35062	350 kcmil—#10 Str.	2.22	2.37	2.50	5/16 Hex
CSB 350-3 S	AMTS35063	350 kcmil—#10 Str.	3.24	2.37	2.50	5/16 Hex
CSB 350-4 S	AMTS35064	350 kcmil—#10 Str.	4.26	2.37	2.50	5/16 Hex
CSB 350-5 S	AMTS35065	350 kcmil—#10 Str.	5.28	2.37	2.50	5/16 Hex
CSB 350-6 S	AMTS35066	350 kcmil—#10 Str.	6.30	2.37	2.50	5/16 Hex
CSB 350-7 S	AMTS35067	350 kcmil—#10 Str.	7.31	2.37	2.50	5/16 Hex
CSB 350-8 S	AMTS35068	350 kcmil—#10 Str.	8.34	2.37	2.50	5/16 Hex
Cable blocks — one-way configuration — 500 kcmil—#6 AWG stranded						
CSB 500-2 S	AMTS50042	500 kcmil—#6 Str.	2.71	2.38	2.75	5/16 Hex
CSB 500-3 S	AMTS50043	500 kcmil—#6 Str.	3.99	2.38	2.75	5/16 Hex
CSB 500-4 S	AMTS50044	500 kcmil—#6 Str.	5.26	2.38	2.75	5/16 Hex
CSB 500-5 S	AMTS50045	500 kcmil—#6 Str.	6.53	2.38	2.75	5/16 Hex
CSB 500-6 S	AMTS50046	500 kcmil—#6 Str.	7.81	2.38	2.75	5/16 Hex
CSB 500-7 S	AMTS50047	500 kcmil—#6 Str.	9.08	2.38	2.75	5/16 Hex
CSB 500-8 S	AMTS50048	500 kcmil—#6 Str.	10.35	2.38	2.75	5/16 Hex
Cable blocks — two-way configuration — #4—#14 AWG stranded						
CSB 4-2	AMTD 4142	#4—#14 Str.	1.15	1.50	1.25	Slotted
CSB 4-3	AMTD 4143	#4—#14 Str.	1.63	1.50	1.25	Slotted
CSB 4-4	AMTD 4144	#4—#14 Str.	2.12	1.50	1.25	Slotted
CSB 4-5	AMTD 4145	#4—#14 Str.	2.61	1.50	1.25	Slotted
CSB 4-6	AMTD 4146	#4—#14 Str.	3.09	1.50	1.25	Slotted
CSB 4-7	AMTD 4147	#4—#14 Str.	3.58	1.50	1.25	Slotted
CSB 4-8	AMTD 4148	#4—#14 Str.	4.07	1.50	1.25	Slotted
Cable blocks — two-way configuration — 2/0—#14 AWG stranded						
CSB 2/0-2	AMTD 20142	2/0—#14 Str.	1.63	1.68	1.63	3/16 Hex
CSB 2/0-3	AMTD 20143	2/0—#14 Str.	2.35	1.68	1.63	3/16 Hex
CSB 2/0-4	AMTD 20144	2/0—#14 Str.	3.08	1.68	1.63	3/16 Hex
CSB 2/0-5	AMTD 20145	2/0—#14 Str.	3.80	1.68	1.63	3/16 Hex
CSB 2/0-6	AMTD 20146	2/0—#14 Str.	4.53	1.68	1.63	3/16 Hex
CSB 2/0-7	AMTD 20147	2/0—#14 Str.	5.26	1.68	1.63	3/16 Hex
CSB 2/0-8	AMTD 20148	2/0—#14 Str.	5.98	1.68	1.63	3/16 Hex
Cable blocks — two-way configuration — 250 kcmil—#6 AWG stranded						
CSB 250-2	AMTD 25062	250 kcmil—#6 Str.	2.12	2.64	2.13	5/16 Hex
CSB 250-3	AMTD 25063	250 kcmil—#6 Str.	3.09	2.64	2.13	5/16 Hex
CSB 250-4	AMTD 25064	250 kcmil—#6 Str.	4.06	2.64	2.13	5/16 Hex
CSB 250-5	AMTD 25065	250 kcmil—#6 Str.	5.03	2.64	2.13	5/16 Hex
CSB 250-6	AMTD 25066	250 kcmil—#6 Str.	6.00	2.64	2.13	5/16 Hex
CSB 250-7	AMTD 25067	250 kcmil—#6 Str.	6.98	2.64	2.13	5/16 Hex
CSB 250-8	AMTD 25068	250 kcmil—#6 Str.	7.95	2.64	2.13	5/16 Hex

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Clear insulation part no.	Black insulation part no.	Wire range (AWG)	Dimensions (in.)			Screw type
			Length	Width	Height	
Cable blocks – two-way configuration – 350 kcmil–#10 AWG stranded						
CSB 350-2	AMTD 35062	350 kcmil–#10 Str.	2.22	3.00	2.50	3/8 Hex
CSB 350-3	AMTD 35063	350 kcmil–#10 Str.	3.24	3.00	2.50	3/8 Hex
CSB 350-4	AMTD 35064	350 kcmil–#10 Str.	4.26	3.00	2.50	3/8 Hex
CSB 350-5	AMTD 35065	350 kcmil–#10 Str.	5.28	3.00	2.50	3/8 Hex
CSB 350-6	AMTD 35066	350 kcmil–#10 Str.	6.30	3.00	2.50	3/8 Hex
CSB 350-7	AMTD 35067	350 kcmil–#10 Str.	7.31	3.00	2.50	3/8 Hex
CSB 350-8	AMTD 35068	350 kcmil–#10 Str.	8.34	3.00	2.50	3/8 Hex
Cable blocks – two-way configuration – 500 kcmil–#4 AWG stranded						
CSB 500-2	AMTD 50042	500 kcmil–#4 Str.	2.71	3.00	2.75	3/8 Hex
CSB 500-3	AMTD 50043	500 kcmil–#4 Str.	3.99	3.00	2.75	3/8 Hex
CSB 500-4	AMTD 50044	500 kcmil–#4 Str.	5.26	3.00	2.75	3/8 Hex
CSB 500-5	AMTD 50045	500 kcmil–#4 Str.	6.53	3.00	2.75	3/8 Hex
CSB 500-6	AMTD 50046	500 kcmil–#4 Str.	7.81	3.00	2.75	3/8 Hex
CSB 500-7	AMTD 50047	500 kcmil–#4 Str.	9.08	3.00	2.75	3/8 Hex
CSB 500-8	AMTD 50048	500 kcmil–#4 Str.	10.35	3.00	2.75	3/8 Hex
Cable blocks – two-way configuration – 750–250 kcmil						
CSB 750-2	AMTD 7502502	750–250 kcmil	3.00	3.13	2.38	3/8 Hex
CSB 750-3	AMTD 7502503	750–250 kcmil	4.40	3.13	2.38	3/8 Hex
CSB 750-4	AMTD 7502504	750–250 kcmil	5.81	3.13	2.38	3/8 Hex
CSB 750-5	AMTD 7502505	750–250 kcmil	7.21	3.13	2.38	3/8 Hex
CSB 750-6	AMTD 7502506	750–250 kcmil	8.62	3.13	2.38	3/8 Hex
CSB 750-7	AMTD 7502507	750–250 kcmil	10.03	3.13	2.38	3/8 Hex
CSB 750-8	AMTD 7502508	750–250 kcmil	11.44	3.13	2.38	3/8 Hex

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