

AMT Connectors

The high quality and built-in flexibility of the Blackburn® AMT Connectors reduce the cost of field installations on splices, taps, and terminations. They're easy and quick to install, eliminating the need for time-consuming taping and provide superior insulation that lasts the life of the connection.

Features and Benefits

- PVC insulation eliminates failures and reduces outage costs
- UV resistant material
- Compact design provides space efficiencies
- Dual-Rated for copper and aluminum conductors (CSA Certified and UL Listed, for 600 V, 90°C)



Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Splices					
AMTSR10	1/0-#14 str.	2.68	.81	1.55	Slotted
AMTSR250	250 kcmil-#6 str.	4.00	1.06	2.00	5/16 Hex
AMTSR350	350 kcmil-#6 str.	4.56	1.37	2.12	5/16 Hex
AMTSR500	500 kcmil-#4 str.	6.18	1.61	2.56	5/16 Hex
Offset splices					
AMTTC4	#4-#14 str.	1.15	1.5	1.25	Slotted
AMTT10	1/0-#14 str.	1.63	1.63	1.63	3/16 Hex
AMTT20	2/0-#14 str.	1.89	1.68	1.86	Slotted
AMTT250	250 kcmil-#10 str.	2.12	2.63	2.13	5/16 Hex
Cable blocks — one-way configuration — #4-#14 AWG stranded					
AMTS4142	#4-#14 str.	1.15	1.25	1.25	Slotted
AMTS4143	#4-#14 str.	1.63	1.25	1.25	Slotted
AMTS4144	#4-#14 str.	2.12	1.25	1.25	Slotted
AMTS4145	#4-#14 str.	2.61	1.25	1.25	Slotted
AMTS4146	#4-#14 str.	3.09	1.25	1.25	Slotted
Cable blocks — one-way configuration — 2/0-#14 AWG stranded					
AMTS20142	2/0-#14 str.	1.63	1.50	1.63	3/16 Hex
AMTS20143	2/0-#14 str.	2.35	1.50	1.63	3/16 Hex
AMTS20144	2/0-#14 str.	3.08	1.50	1.63	3/16 Hex
AMTS20145	2/0-#14 str.	3.80	1.50	1.63	3/16 Hex
AMTS20146	2/0-#14 str.	4.53	1.50	1.63	3/16 Hex
AMTS20147	2/0-#14 str.	5.26	1.50	1.63	3/16 Hex
AMTS20148	2/0-#14 str.	5.98	1.50	1.63	3/16 Hex

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Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Cable blocks — one-way configuration — 250 kcmil—#6 AWG stranded					
AMTS25062	250 kcmil—#6 str.	2.12	2.13	2.13	5/16 Hex
AMTS25063	250 kcmil—#6 str.	3.09	2.13	2.13	5/16 Hex
AMTS25064	250 kcmil—#6 str.	4.06	2.13	2.13	5/16 Hex
AMTS25065	250 kcmil—#6 str.	5.03	2.13	2.13	5/16 Hex
AMTS25066	250 kcmil—#6 str.	6.00	2.13	2.13	5/16 Hex
AMTS25067	250 kcmil—#6 str.	6.98	2.13	2.13	5/16 Hex
AMTS25068	250 kcmil—#6 str.	7.95	2.13	2.13	5/16 Hex
Cable blocks — one-way configuration — 350 kcmil—#10 AWG stranded					
AMTS35062	350 kcmil—#10 str.	2.22	2.37	2.50	5/16 Hex
AMTS35063	350 kcmil—#10 str.	3.24	2.37	2.50	5/16 Hex
AMTS35064	350 kcmil—#10 str.	4.26	2.37	2.50	5/16 Hex
AMTS35065	350 kcmil—#10 str.	5.28	2.37	2.50	5/16 Hex
AMTS35066	350 kcmil—#10 str.	6.30	2.37	2.50	5/16 Hex
AMTS35067	350 kcmil—#10 str.	7.31	2.37	2.50	5/16 Hex
AMTS35068	350 kcmil—#10 str.	8.34	2.37	2.50	5/16 Hex
Cable blocks — one-way configuration — 500 kcmil—#6 AWG stranded					
AMTS50042	500 kcmil—#6 str.	2.71	2.38	2.75	5/16 Hex
AMTS50043	500 kcmil—#6 str.	3.99	2.38	2.75	5/16 Hex
AMTS50044	500 kcmil—#6 str.	5.26	2.38	2.75	5/16 Hex
AMTS50045	500 kcmil—#6 str.	6.53	2.38	2.75	5/16 Hex
AMTS50046	500 kcmil—#6 str.	7.81	2.38	2.75	5/16 Hex
AMTS50047	500 kcmil—#6 str.	9.08	2.38	2.75	5/16 Hex
AMTS50048	500 kcmil—#6 str.	10.35	2.38	2.75	5/16 Hex
Cable blocks — two-way configuration — #4—#14 AWG stranded					
AMTD4142	#4—#14 str.	1.15	1.50	1.25	Slotted
AMTD4143	#4—#14 str.	1.63	1.50	1.25	Slotted
AMTD4144	#4—#14 str.	2.12	1.50	1.25	Slotted
AMTD4145	#4—#14 str.	2.61	1.50	1.25	Slotted
AMTD4146	#4—#14 str.	3.09	1.50	1.25	Slotted
AMTD4147	#4—#14 str.	3.58	1.50	1.25	Slotted
AMTD4148	#4—#14 str.	4.07	1.50	1.25	Slotted
Cable blocks — two-way configuration — #4—#14 AWG stranded					
AMTD20142	2/0—#14 str.	1.63	1.68	1.63	3/16 Hex
AMTD20143	2/0—#14 str.	2.35	1.68	1.63	3/16 Hex
AMTD20144	2/0—#14 str.	3.08	1.68	1.63	3/16 Hex
AMTD20145	2/0—#14 str.	3.80	1.68	1.63	3/16 Hex
AMTD20146	2/0—#14 str.	4.53	1.68	1.63	3/16 Hex
AMTD20147	2/0—#14 str.	5.26	1.68	1.63	3/16 Hex
AMTD20148	2/0—#14 str.	5.98	1.68	1.63	3/16 Hex
Cable blocks — two-way configuration — 250 kcmil—#6 AWG stranded					
AMTD25062	250 kcmil—#6 str.	2.12	2.64	2.13	5/16 Hex
AMTD25063	250 kcmil—#6 str.	3.09	2.64	2.13	5/16 Hex
AMTD25064	250 kcmil—#6 str.	4.06	2.64	2.13	5/16 Hex
AMTD25065	250 kcmil—#6 str.	5.03	2.64	2.13	5/16 Hex
AMTD25066	250 kcmil—#6 str.	6.00	2.64	2.13	5/16 Hex
AMTD25067	250 kcmil—#6 str.	6.98	2.64	2.13	5/16 Hex
AMTD25068	250 kcmil—#6 str.	7.95	2.64	2.13	5/16 Hex

AMT Connectors



Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Cable blocks — two-way configuration — 350 kcmil—#10 AWG stranded					
AMTD35062	350 kcmil—#10 str.	2.22	3.00	2.50	3/8 Hex
AMTD35063	350 kcmil—#10 str.	3.24	3.00	2.50	3/8 Hex
AMTD35064	350 kcmil—#10 str.	4.26	3.00	2.50	3/8 Hex
AMTD35065	350 kcmil—#10 str.	5.28	3.00	2.50	3/8 Hex
AMTD35066	350 kcmil—#10 str.	6.30	3.00	2.50	3/8 Hex
AMTD35067	350 kcmil—#10 str.	7.31	3.00	2.50	3/8 Hex
AMTD35068	350 kcmil—#10 str.	8.34	3.00	2.50	3/8 Hex
Cable blocks — two-way configuration — 500 kcmil—#4 AWG stranded					
AMTD50042	500 kcmil—#4 str.	2.71	3.00	2.75	3/8 Hex
AMTD50043	500 kcmil—#4 str.	3.99	3.00	2.75	3/8 Hex
AMTD50044	500 kcmil—#4 str.	5.26	3.00	2.75	3/8 Hex
AMTD50045	500 kcmil—#4 str.	6.53	3.00	2.75	3/8 Hex
AMTD50046	500 kcmil—#4 str.	7.81	3.00	2.75	3/8 Hex
AMTD50047	500 kcmil—#4 str.	9.08	3.00	2.75	3/8 Hex
AMTD50048	500 kcmil—#4 str.	10.35	3.00	2.75	3/8 Hex
Cable blocks — two-way configuration — 750–250 kcmil					
AMTD7502502	750–250 kcmil	3.00	3.13	2.38	3/8 Hex
AMTD7502503	750–250 kcmil	4.40	3.13	2.38	3/8 Hex
AMTD7502504	750–250 kcmil	5.81	3.13	2.38	3/8 Hex
AMTD7502505	750–250 kcmil	7.21	3.13	2.38	3/8 Hex
AMTD7502506	750–250 kcmil	8.62	3.13	2.38	3/8 Hex
AMTD7502507	750–250 kcmil	10.03	3.13	2.38	3/8 Hex
AMTD7502508	750–250 kcmil	11.44	3.13	2.38	3/8 Hex



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Features and Benefits

- PVC insulation eliminates failures and reduces outage costs
- UV resistant material
- Compact design provides space efficiencies
- Dual-Rated for copper and aluminum conductors (CSA Certified and UL Listed, for 600 V, 90°C)



Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Splices					
AMTSR10	1/0-#14 str.	2.68	.81	1.55	Slotted
AMTSR250	250 kcmil-#6 str.	4.00	1.06	2.00	5/16 Hex
AMTSR350	350 kcmil-#6 str.	4.56	1.37	2.12	5/16 Hex
AMTSR500	500 kcmil-#4 str.	6.18	1.61	2.56	5/16 Hex
Offset splices					
AMTTC4	#4-#14 str.	1.15	1.5	1.25	Slotted
AMTT10	1/0-#14 str.	1.63	1.63	1.63	3/16 Hex
AMTT20	2/0-#14 str.	1.89	1.68	1.86	Slotted
AMTT250	250 kcmil-#10 str.	2.12	2.63	2.13	5/16 Hex
Cable blocks — one-way configuration — #4-#14 AWG stranded					
AMTS4142	#4-#14 str.	1.15	1.25	1.25	Slotted
AMTS4143	#4-#14 str.	1.63	1.25	1.25	Slotted
AMTS4144	#4-#14 str.	2.12	1.25	1.25	Slotted
AMTS4145	#4-#14 str.	2.61	1.25	1.25	Slotted
AMTS4146	#4-#14 str.	3.09	1.25	1.25	Slotted
Cable blocks — one-way configuration — 2/0-#14 AWG stranded					
AMTS20142	2/0-#14 str.	1.63	1.50	1.63	3/16 Hex
AMTS20143	2/0-#14 str.	2.35	1.50	1.63	3/16 Hex
AMTS20144	2/0-#14 str.	3.08	1.50	1.63	3/16 Hex
AMTS20145	2/0-#14 str.	3.80	1.50	1.63	3/16 Hex
AMTS20146	2/0-#14 str.	4.53	1.50	1.63	3/16 Hex
AMTS20147	2/0-#14 str.	5.26	1.50	1.63	3/16 Hex
AMTS20148	2/0-#14 str.	5.98	1.50	1.63	3/16 Hex

AMT Connectors



Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Cable blocks — one-way configuration — 250 kcmil—#6 AWG stranded					
AMTS25062	250 kcmil—#6 str.	2.12	2.13	2.13	5/16 Hex
AMTS25063	250 kcmil—#6 str.	3.09	2.13	2.13	5/16 Hex
AMTS25064	250 kcmil—#6 str.	4.06	2.13	2.13	5/16 Hex
AMTS25065	250 kcmil—#6 str.	5.03	2.13	2.13	5/16 Hex
AMTS25066	250 kcmil—#6 str.	6.00	2.13	2.13	5/16 Hex
AMTS25067	250 kcmil—#6 str.	6.98	2.13	2.13	5/16 Hex
AMTS25068	250 kcmil—#6 str.	7.95	2.13	2.13	5/16 Hex
Cable blocks — one-way configuration — 350 kcmil—#10 AWG stranded					
AMTS35062	350 kcmil—#10 str.	2.22	2.37	2.50	5/16 Hex
AMTS35063	350 kcmil—#10 str.	3.24	2.37	2.50	5/16 Hex
AMTS35064	350 kcmil—#10 str.	4.26	2.37	2.50	5/16 Hex
AMTS35065	350 kcmil—#10 str.	5.28	2.37	2.50	5/16 Hex
AMTS35066	350 kcmil—#10 str.	6.30	2.37	2.50	5/16 Hex
AMTS35067	350 kcmil—#10 str.	7.31	2.37	2.50	5/16 Hex
AMTS35068	350 kcmil—#10 str.	8.34	2.37	2.50	5/16 Hex
Cable blocks — one-way configuration — 500 kcmil—#6 AWG stranded					
AMTS50042	500 kcmil—#6 str.	2.71	2.38	2.75	5/16 Hex
AMTS50043	500 kcmil—#6 str.	3.99	2.38	2.75	5/16 Hex
AMTS50044	500 kcmil—#6 str.	5.26	2.38	2.75	5/16 Hex
AMTS50045	500 kcmil—#6 str.	6.53	2.38	2.75	5/16 Hex
AMTS50046	500 kcmil—#6 str.	7.81	2.38	2.75	5/16 Hex
AMTS50047	500 kcmil—#6 str.	9.08	2.38	2.75	5/16 Hex
AMTS50048	500 kcmil—#6 str.	10.35	2.38	2.75	5/16 Hex
Cable blocks — two-way configuration — #4—#14 AWG stranded					
AMTD4142	#4—#14 str.	1.15	1.50	1.25	Slotted
AMTD4143	#4—#14 str.	1.63	1.50	1.25	Slotted
AMTD4144	#4—#14 str.	2.12	1.50	1.25	Slotted
AMTD4145	#4—#14 str.	2.61	1.50	1.25	Slotted
AMTD4146	#4—#14 str.	3.09	1.50	1.25	Slotted
AMTD4147	#4—#14 str.	3.58	1.50	1.25	Slotted
AMTD4148	#4—#14 str.	4.07	1.50	1.25	Slotted
Cable blocks — two-way configuration — #4—#14 AWG stranded					
AMTD20142	2/0—#14 str.	1.63	1.68	1.63	3/16 Hex
AMTD20143	2/0—#14 str.	2.35	1.68	1.63	3/16 Hex
AMTD20144	2/0—#14 str.	3.08	1.68	1.63	3/16 Hex
AMTD20145	2/0—#14 str.	3.80	1.68	1.63	3/16 Hex
AMTD20146	2/0—#14 str.	4.53	1.68	1.63	3/16 Hex
AMTD20147	2/0—#14 str.	5.26	1.68	1.63	3/16 Hex
AMTD20148	2/0—#14 str.	5.98	1.68	1.63	3/16 Hex
Cable blocks — two-way configuration — 250 kcmil—#6 AWG stranded					
AMTD25062	250 kcmil—#6 str.	2.12	2.64	2.13	5/16 Hex
AMTD25063	250 kcmil—#6 str.	3.09	2.64	2.13	5/16 Hex
AMTD25064	250 kcmil—#6 str.	4.06	2.64	2.13	5/16 Hex
AMTD25065	250 kcmil—#6 str.	5.03	2.64	2.13	5/16 Hex
AMTD25066	250 kcmil—#6 str.	6.00	2.64	2.13	5/16 Hex
AMTD25067	250 kcmil—#6 str.	6.98	2.64	2.13	5/16 Hex
AMTD25068	250 kcmil—#6 str.	7.95	2.64	2.13	5/16 Hex

AMT Connectors



Black insulation Cat. No.	Wire Range (AWG)	Dimensions (in.)			Screw Type
		Length	Width	Height	
Cable blocks — two-way configuration — 350 kcmil—#10 AWG stranded					
AMTD35062	350 kcmil—#10 str.	2.22	3.00	2.50	3/8 Hex
AMTD35063	350 kcmil—#10 str.	3.24	3.00	2.50	3/8 Hex
AMTD35064	350 kcmil—#10 str.	4.26	3.00	2.50	3/8 Hex
AMTD35065	350 kcmil—#10 str.	5.28	3.00	2.50	3/8 Hex
AMTD35066	350 kcmil—#10 str.	6.30	3.00	2.50	3/8 Hex
AMTD35067	350 kcmil—#10 str.	7.31	3.00	2.50	3/8 Hex
AMTD35068	350 kcmil—#10 str.	8.34	3.00	2.50	3/8 Hex
Cable blocks — two-way configuration — 500 kcmil—#4 AWG stranded					
AMTD50042	500 kcmil—#4 str.	2.71	3.00	2.75	3/8 Hex
AMTD50043	500 kcmil—#4 str.	3.99	3.00	2.75	3/8 Hex
AMTD50044	500 kcmil—#4 str.	5.26	3.00	2.75	3/8 Hex
AMTD50045	500 kcmil—#4 str.	6.53	3.00	2.75	3/8 Hex
AMTD50046	500 kcmil—#4 str.	7.81	3.00	2.75	3/8 Hex
AMTD50047	500 kcmil—#4 str.	9.08	3.00	2.75	3/8 Hex
AMTD50048	500 kcmil—#4 str.	10.35	3.00	2.75	3/8 Hex
Cable blocks — two-way configuration — 750–250 kcmil					
AMTD7502502	750–250 kcmil	3.00	3.13	2.38	3/8 Hex
AMTD7502503	750–250 kcmil	4.40	3.13	2.38	3/8 Hex
AMTD7502504	750–250 kcmil	5.81	3.13	2.38	3/8 Hex
AMTD7502505	750–250 kcmil	7.21	3.13	2.38	3/8 Hex
AMTD7502506	750–250 kcmil	8.62	3.13	2.38	3/8 Hex
AMTD7502507	750–250 kcmil	10.03	3.13	2.38	3/8 Hex
AMTD7502508	750–250 kcmil	11.44	3.13	2.38	3/8 Hex

