

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 or kcmil)	Length	Width	Dimensions (in.)		Screw type
				Height		
Splices						
AMTSR10	1/0-#14 str.	2.68	0.81		1.55	Slotted
AMTSR250	250-#6 str.	4.00	1.06		2.00	3/16 Hex
AMTSR350	350-#6 str.	4.56	1.37		2.12	3/16 Hex
AMTSR500	500-#4 str.	6.18	1.61		2.56	3/16 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-#10 str.	2.12	2.63		2.13	3/16 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 or kcmil)	Length	Width	Dimensions (in.)		Screw type
					Height	
Cable blocks – One-way configuration – 250 kcmil–#6 AWG stranded						
AMTS25062	250–#6 str.	2.12	2.13		2.13	5/16 Hex
AMTS25063	250–#6 str.	3.09	2.13		2.13	5/16 Hex
AMTS25064	250–#6 str.	4.06	2.13		2.13	5/16 Hex
AMTS25065	250–#6 str.	5.03	2.13		2.13	5/16 Hex
AMTS25066	250–#6 str.	6.00	2.13		2.13	5/16 Hex
AMTS25067	250–#6 str.	6.98	2.13		2.13	5/16 Hex
AMTS25068	250–#6 str.	7.95	2.13		2.13	5/16 Hex
Cable blocks – One-way configuration – 350 kcmil–#10 AWG stranded						
AMTS35062	350–#10 str.	2.22	2.37		2.50	5/16 Hex
AMTS35063	350–#10 str.	3.24	2.37		2.50	5/16 Hex
AMTS35064	350–#10 str.	4.26	2.37		2.50	5/16 Hex
AMTS35065	350–#10 str.	5.28	2.37		2.50	5/16 Hex
AMTS35066	350–#10 str.	6.30	2.37		2.50	5/16 Hex
AMTS35067	350–#10 str.	7.31	2.37		2.50	5/16 Hex
AMTS35068	350–#10 str.	8.34	2.37		2.50	5/16 Hex
Cable blocks – One-way configuration – 500 kcmil–#6 AWG stranded						
AMTS50042	500–#6 str.	2.71	2.38		2.75	5/16 Hex
AMTS50043	500–#6 str.	3.99	2.38		2.75	5/16 Hex
AMTS50044	500–#6 str.	5.26	2.38		2.75	5/16 Hex
AMTS50045	500–#6 str.	6.53	2.38		2.75	5/16 Hex
AMTS50046	500–#6 str.	7.81	2.38		2.75	5/16 Hex
AMTS50047	500–#6 str.	9.08	2.38		2.75	5/16 Hex
AMTS50048	500–#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	5/16 Hex
AMTD20143	2/0–#14 str.	2.35	1.68		1.63	5/16 Hex
AMTD20144	2/0–#14 str.	3.08	1.68		1.63	5/16 Hex
AMTD20145	2/0–#14 str.	3.80	1.68		1.63	5/16 Hex
AMTD20146	2/0–#14 str.	4.53	1.68		1.63	5/16 Hex
AMTD20147	2/0–#14 str.	5.26	1.68		1.63	5/16 Hex
AMTD20148	2/0–#14 str.	5.98	1.68		1.63	5/16 Hex
Cable blocks – Two-way configuration – 250 kcmil–#6 AWG stranded						
AMTD25062	250–#6 str.	2.12	2.64		2.13	5/16 Hex
AMTD25063	250–#6 str.	3.09	2.64		2.13	5/16 Hex
AMTD25064	250–#6 str.	4.06	2.64		2.13	5/16 Hex
AMTD25065	250–#6 str.	5.03	2.64		2.13	5/16 Hex
AMTD25066	250–#6 str.	6.00	2.64		2.13	5/16 Hex
AMTD25067	250–#6 str.	6.98	2.64		2.13	5/16 Hex
AMTD25068	250–#6 str.	7.95	2.64		2.13	5/16 Hex

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				Height		
Cable blocks – Two-way configuration – 350 kcmil–#10 AWG stranded						
AMTD35062	350–#10 str.	2.22	3.00	2.50		3/8 Hex
AMTD35063	350–#10 str.	3.24	3.00	2.50		3/8 Hex
AMTD35064	350–#10 str.	4.26	3.00	2.50		3/8 Hex
AMTD35065	350–#10 str.	5.28	3.00	2.50		3/8 Hex
AMTD35066	350–#10 str.	6.30	3.00	2.50		3/8 Hex
AMTD35067	350–#10 str.	7.31	3.00	2.50		3/8 Hex
AMTD35068	350–#10 str.	8.34	3.00	2.50		3/8 Hex
Cable blocks – Two-way configuration – 500 kcmil–#4 AWG stranded						
AMTD50042	500–#4 str.	2.71	3.00	2.75		3/8 Hex
AMTD50043	500–#4 str.	3.99	3.00	2.75		3/8 Hex
AMTD50044	500–#4 str.	5.26	3.00	2.75		3/8 Hex
AMTD50045	500–#4 str.	6.53	3.00	2.75		3/8 Hex
AMTD50046	500–#4 str.	7.81	3.00	2.75		3/8 Hex
AMTD50047	500–#4 str.	9.08	3.00	2.75		3/8 Hex
AMTD50048	500–#4 str.	10.35	3.00	2.75		3/8 Hex
Cable blocks – Two-way configuration – 750–250 kcmil						
AMTD7502502	750–250	3.00	3.13	2.38		3/8 Hex
AMTD7502503	750–250	4.40	3.13	2.38		3/8 Hex
AMTD7502504	750–250	5.81	3.13	2.38		3/8 Hex
AMTD7502505	750–250	7.21	3.13	2.38		3/8 Hex
AMTD7502506	750–250	8.62	3.13	2.38		3/8 Hex
AMTD7502507	750–250	10.03	3.13	2.38		3/8 Hex
AMTD7502508	750–250	11.44	3.13	2.38		3/8 Hex