

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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|--|---------------------------|--------|-------|------------------|--------|------------|
| | | | | | 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 – 2/0–#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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| Black insulation cat. no. | Wire range (AWG) | Length | Width | Dimensions (in.) | | Screw type |
|--|------------------|--------|-------|------------------|--|------------|
| | | | | 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 |