

American Electrical, Inc. Junction Box / Hookup Box

- Fast and easy way to make electrical connections
- An assembled kit – no need to procure and assemble all the parts



American Electrical now has a solution for anyone who needs a quick and easy way to connect wires in a secure, professional manner. Why procure and assemble the terminal blocks, end covers, end brackets, DIN Rail, enclosure, cable grips AND have it all assembled when you can get it all from AEI? We offer a 5, 10, 15 and 20 terminal solution for anyone in test and measurement up to Industrial Controls applications. The NEMA 4 enclosure can be used in indoor or outdoor applications. The 5, 10 and 15 terminal offerings can carry 35 amps per circuit and the 20 terminal version carries 26 amps per circuit. All parts have UL and International approvals making them acceptable in most any application.

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- Remove cover to expose terminal connections
- ¼ turn, spring loaded screws
- Easy, quick removal of cover



The American Electrical Junction/Hookup Box is made with an easily removable cover. The screws are spring loaded and only require a quarter turn to release them. Simply push down on the screw with a standard screwdriver and turn counterclockwise. The screws will raise up about a quarter inch when released – and then the cover can be easily removed.

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- Clamps open with screwdriver in rectangular hole
- Use slim shank screwdriver
- Leave in the terminal until a wire is inserted on terminal side



The terminals for the Junction/Hookup Box are top entry, spring clamp terminals, which not only provide a fast and easy method to connect wires, but also connections are secure and vibration proof. Use an American Electrical, slim shank screwdriver and place in rectangular opening and drive down – this opens up the clamp on the circular opening adjacent to where the screwdriver was inserted. Sometimes a little wiggle of the screwdriver helps to open the clamp up.

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- Insert conductor in terminal (round side) when screwdriver is inserted in rectangular side
- Remove screwdriver to close the clamp



While the clamp is open and the screwdriver is driven into the rectangular side of the terminal, place the conductor into the round side where the clamp is open. While holding the wire in place, remove the screwdriver and the clamp will close down on the conductor and hold it in place. Simply continue to do this for each of your circuits. Each circuit is a feed through terminal, so that the wire on one side of #1 will connect to the other side of #1 and so on.

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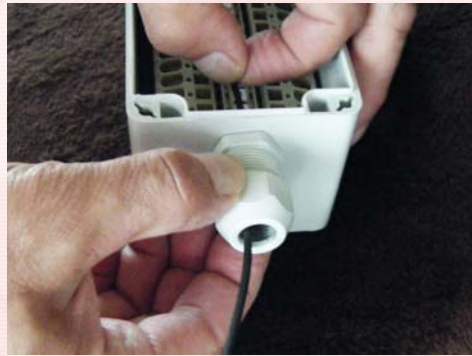
- Secure Connection
- Ready for connection on opposite side



A secure connection on one side of terminal #1 is made and now the wire you wish to connect to it is available on the opposite side. Follow the same steps to connect all of your circuits and replace the cover. You may wish to use the cable grips provided so that you can secure the cable to the enclosure.

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- Route cable and or conductors through the cable grip to secure to enclosure



Route your cable and or conductors through the cable grips to secure them to the enclosure. Replace the cover when ready to put into use.