

30, 50, and 60 AMP 125/250 VOLT SINGLE PHASE, 120/208/250 VOLT THREE PHASE STRAIGHT BLADE MULTI-PLUG  
SAFETY INFORMATION, COMPONENTS, AND INSTRUCTIONS

This product is unlike anything on the market. This manual is meant to prevent injury and damage.  
PLEASE READ AND FOLLOW ALL INFORMATION TO PREVENT DAMAGE TO EQUIPMENT, INJURY, AND SHOCK



**Read entire document for important safety and operating material information. Failure to do so may result in serious injury, death, and/or damage to equipment.**

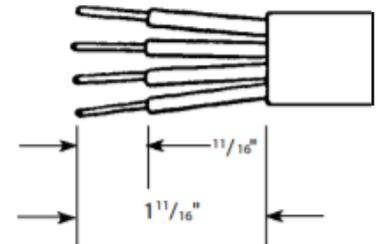
### SAFETY INFORMATION

1. For installation by a qualified electrician in accordance with national and local electrical codes, and included instructions.
2. **⚠ WARNING: THERE IS RISK OF ELECTRICAL SHOCK.** Disconnect power before installing. Never wire energized electrical components.
3. **⚠ WARNING: Never use less than 4 prongs.** The device is made for all prongs to be operational. Removing one can result in shock, injury, or damage to equipment.
4. Use stranded conductors only.
5. **NOTICE:** Make sure the type of electricity and its rating is compatible with this plug and the equipment you are using it with. Applicable ratings are 125/250 volt single phase, 120/208/250 volt three phase. **If the equipment requires a different electricity type from the power source, it may cause damage. Even if the plug is rated for the power source type, the equipment may not be.**
6. Terminal Capacity: #12 AWG to #4 AWG flexible cord or cable as identified with the National Electrical Code Article 400-5 or Canadian Electrical Code Table 12.
7. **NOTICE:** Use cords #4 gauge to #10 gauge and types ST, SO, and S.

### Wiring and Configuration Instructions

1. Make sure equipment is not energized. **⚠ WARNING: If the plug has power, electrical shock or injury may occur.**
2. Strip conductors using strip gage as seen in Figure A, as well as the prong housing.
3. Twist wire strands together on each conductor. DO NOT TIN CONDUCTORS. Choose the correct foam dust washer for the diameter of your cord and place it on the cord.
4. **⚠ CAUTION: MAKE SURE THERE ARE NO LOOSE WIRE STRANDS.** If there are loose wire strands present, electricity may arc in the plug and cause damage to equipment, shock, or injury.
5. Loosen the screws in the prong housing and insert the wire into the proper terminals as identified in Table 1.
6. Tighten the prong housing screws to 75 inch pounds using a flat head screw driver in the configuration for your application. **Ensure brass blades are fully extended.**
7. Select the proper Labeled Face Plate that lists the amperes, voltage, NEMA configuration, and certification information for your application with the included 1-way screw. Once the labeled face plate is installed, it is not to be removed.
8. Insert prongs into the terminal housing in accordance with your application and the Labeled Face Plate attached to the Terminal Housing.
9. **⚠ WARNING: CHECK TO MAKE SURE THE EQUIPMENT IS COMPATIBLE WITH THE ELECTRICITY TYPE (VOLTS AND AMPERES) THAT IS BEING PLUGGED INTO. IF IT ISN'T COMPATIBLE, SHOCK, INJURY, OR DAMAGE TO EQUIPMENT CAN OCCUR.**
10. Once the Terminal Housings are inserted into the Prong Housing, affix the nylon washer with the included standard #4 screw to the backside of the terminal housing. This will secure the Prong Housings to the Terminal Housing.
11. Thread terminal housing into the wire casing, connecting the two pieces.
12. Fasten the clamp onto the cord HAND TIGHT ONLY. DO NOT OVER TIGHTEN. **NOTICE: Overtightening may damage the electrical cord or electrical plug.**

Fig. A



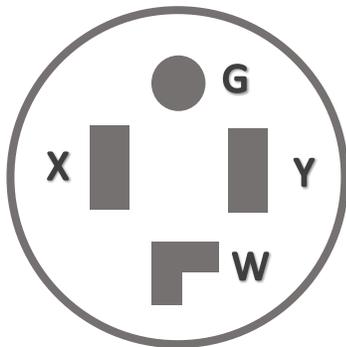
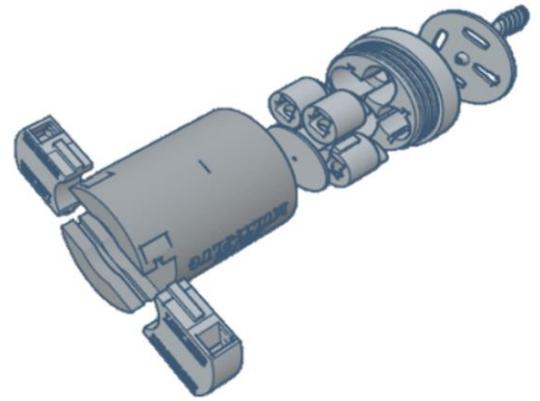
TERMINAL	CONDUCTOR
Green, Gnd, G	Equipment grounding conductor, (bare, green or green/yellow)
White, W	Grounded circuit conductor, Neutral (White or Gray)
X, Y, Z or Blank (Other Than White or Green)	Ungrounded Circuit Conductor, Line (NOT White, NOT Green)

Davis Company, LLC warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Davis Company, LLC is free of defects in materials and workmanship under normal and proper use for one year from the date of purchase. Davis Company's only obligation is to correct such defects by repair or replacement, at its option, if within the one year period the product is returned prepaid with proof of purchase receipt, date of purchase, and a description of the problem to Davis Company, LLC at 123 S. Main, Rental 1, Aberdeen, Idaho, 83210. This warranty excludes and there is disclaimed liability for the labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly, in an improper environment, overloaded, not assembled within manufacturer's instructions, misused, opened, abused, or altered in any manor, or is not used under normal operating conditions, or not used according to manufacturer's instructions or labels. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to one year. Davis Company, LLC is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

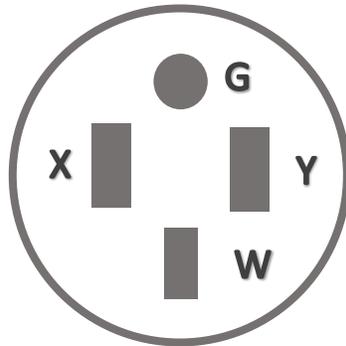
### Component Information

This Multi-Plug contains the following components from right to left on exploded plug image below:

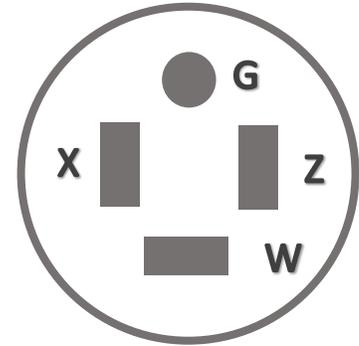
- A. One-way screw to permanently attach Labeled Face Plate.
- B. Labeled Face Plate: Attaches to the Prong Housing in order to display important configuration information.
- C. Prong Housing: The piece with male threads the Terminal Housing parts attach into.
- D. Terminal Housing: Houses the individual brass contacts. There are 3 hot, 1 white flat blade, 1 white L blade, and 1 U green ground blade included.
- E. Nylon Washer: Secures the Terminal Housing pieces inside the Prong Housing.
- F. Wire Casing: Has female threads and houses the open wire contacts.
- G. Cord Lock Hose Clamp System: Tightens the electrical cord to the plug.



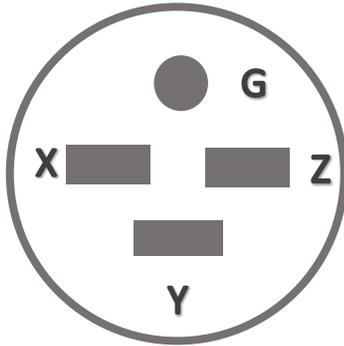
14-30



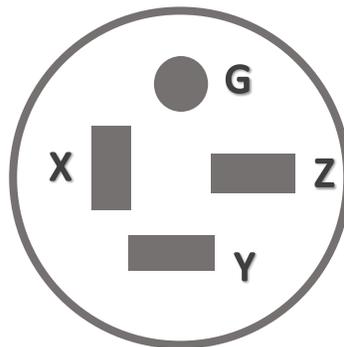
14-50



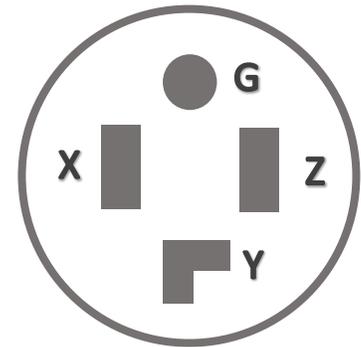
14-60



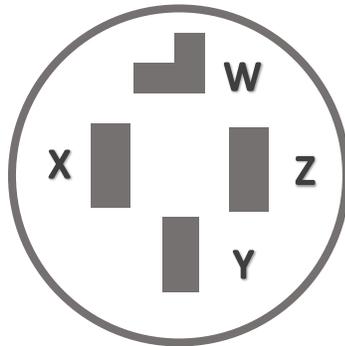
15-30



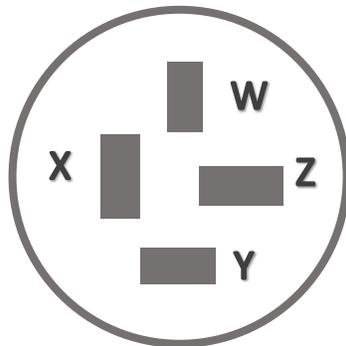
15-50



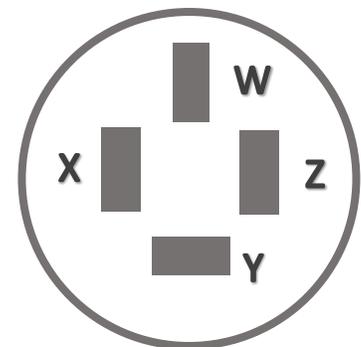
15-60



18-30



18-50



18-60