

# ELECTRICAL SAFETY INSTRUCTIONS

Save these instructions for future use.



**DANGER: RISK OF ELECTRIC SHOCK! CONNECT EQUIPMENT TO A PROPERLY GROUNDED OUTLET ONLY.**

## USE AND CARE

- Store the equipment indoors when not in use. Keep out of reach of children.
- Do not clean the equipment with a water spray or the like.
- Do not operate the equipment with a damaged cord or plug, or after the equipment malfunctions or is dropped or damaged in any manner. Return the equipment to the nearest authorized service facility for examination, repair, or electrical or mechanical adjustment.

## DISCONNECTING POWER

- Ensure that the equipment is switched off before removing plug from electrical outlet.
- For microcontroller operated equipment, be sure that all automatic functions are switched off before removing plug from electrical outlet.
- Do not unplug the equipment by pulling on the cord. To unplug, grasp the plug, not the cord.
- Remove plug from outlet when the equipment is not in use and before servicing or cleaning.



**DANGER: High voltage is present inside the equipment even when all switches are in the OFF position. Before removing any electrical enclosure, ensure that the equipment is unplugged from the electrical outlet.**

## GROUNDING INSTRUCTIONS

The equipment must be grounded. In the event of malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. The equipment is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



**DANGER: Improper connection of the equipment-grounding conductor can result in electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor.**

- If repair or replacement of the cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal. Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the equipment is properly grounded.
- Do not modify the plug provided with the equipment. If the plug will not fit in the outlet, have a proper outlet installed by a qualified electrician.
- A qualified electrician should be consulted if there is any doubt as to whether an outlet box is properly grounded.
- The equipment is for use on a circuit having a nominal rating of more than 120 volts and is factory equipped with a specific electric cord and plug. No adapter should be used with the equipment.
- If the equipment must be reconnected for use on a different type of electric circuit, the reconnection should be made by qualified service personnel. After the reconnection, the equipment should comply with all local codes and ordinances.

## USE OF EXTENSION CORDS

It is important to use properly sized extension cords with the main power cord, if it is necessary to use extension cords. A qualified electrician should be consulted in selecting such extension cords.



**DANGER: Risk of electric shock! Keep extension cord connection dry and off the ground.**

If an extension cord is used:

- 1) The marked electrical rating of the extension cord should be at least as great as the electrical rating of the equipment.
- 2) The extension cord should be a grounding-type 3-wire cord for single phase power or a grounding type 4-wire cord for three phase power.
- 3) A long extension cord should be arranged so that it will not drape over any working area where it can be tripped over, snagged, or pulled on unintentionally.

If the equipment is to be operated outdoors and an extension cord is needed, use only an outdoor-use extension cord. An outdoor-use extension cord will be clearly marked with the suffix letter "W" and the statement "Suitable for Use with Outdoor Appliances."