





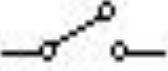



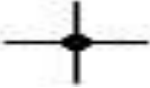
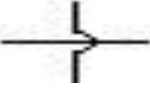


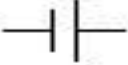


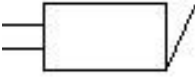

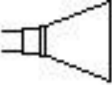
BASIC ELECTRICAL SYMBOL

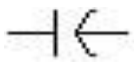
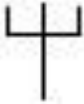

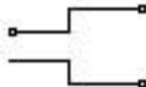

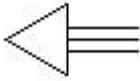
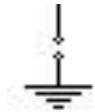
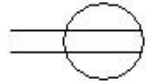
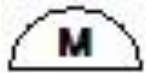
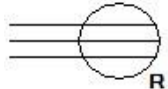
COMMON ELECTRICAL SYMBOLS





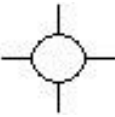


Electrical Symbols are small drawings or pictograms used to represent various electrical devices in a diagram or plan of an electrical circuit. These symbols are used in sketching schematic diagrams and electrical plans for numerous types of electrical works. Practically any electrical fixture found in a house has a symbol that coincides to said fixture on an electrical wiring diagram. These are very useful guide for an electrician or electrical contractor, thus, making the wiring easier to install as well.

The following are common electrical symbols used in sketching wiring plan and diagram.

Symbol	Description	Symbol	Description
	Conductor/Wire		Ammeter
	Terminal		Voltmeter

	Switch		Galvanometer
	Fuse		Wattmeter
	Connected Wires		Wires Not Connected
	Circuit Breaker		Push Button
	Cell		Bell
	Battery		Buzzer
	Resistor		Speaker

	Capacitor		Antenna
	Diode		Male plug
	Ground		Service Entrance (3 wires)
	Lightning Arrester		Duplex Convenience Outlet
	Kilowatt-Hour Meter		Range Outlet

	Power Panel Board		Special Purpose Outlet
	Lighting Panel Board		Weatherproof Outlet
	Incandescent Lamp		Floor Outlet
	Fluorescent Lamp	S1	Single Pole Switch

ELECTRICAL SIGNS

Your power tool with its manual may contain "WARNING ICONS" (a picture symbol intended to alert you to, and/or to instruct you how to avoid a potentially hazardous condition). Knowing and understanding these symbols will help you operate your tool better and more safely.

Electrical signs and stickers alert students, workers, and visitors to electrical hazards in the area. Alerting workers to high voltage areas, electrical hazards, power lines and other electrical equipment in the area, can help prevent fires and injuries. Proper electrical signs can inform workers of the dangers in the area.

	<p>CAUTION indicates some precautionary measures against potential hazardous situation which, if not avoided, may result to a minor or moderate injury.</p>
	<p>SAFETY ALERT indicates that a person should observe extra awareness</p>
	<p>PROHIBITION means that any activity is not allowed as stated by the symbol.</p>



DANGER specifies hazardous situation which, if not avoided, will result to a serious injury or even death.



WARNING specifies a potentially hazardous situation which, if not avoided, could result to serious injury or even death.



READ AND UNDERSTAND INSTRUCTION MANUAL means that a person should make some reading before doing any activity.



WEAR EYE PROTECTION indicates that a person should wear safety goggles or any related protection for the eyes.



ELECTRICAL HAZARD indicates that electrical hazard is present in the area.



VOLTAGE DANGER

indicates high voltage in the area and surrounding equipment.