



Resistor Symbols

Resistor, general symbol (IEC)	Resistor, general symbol (IEEE)	Resistor with fixed tapping (IEC)	Tapped resistor (IEEE)	Resistor with separate current and voltage terminals (shunt)	Shunt resistor (IEEE)	Heating element (IEC, ISO)	Series resistor and path open (IEEE)
Series resistor and path short-circuited (IEEE)	Resistor, adjustable (IEC)	Adjustable or continuously adjustable (variable) resistor (IEEE)	Resistor with continuous adjustability (ISO)	Resistor with movable contact (IEC)	Resistor with adjustable contact (IEEE)	Resistor with movable contact and off position (IEC)	Resistor with adjustable contact and OFF position
Potentiometer with movable contact (IEC)	Potentiometer with movable contact and pre-set adjustment (IEC)	Resistor with pre-set adjustability (ISO)	Carbon-pile resistor (IEC)	Resistor with adjustability in five steps (ISO)	Resistor with non-linear inherent variability (ISO)	Nonlinear resistor (intrinsic) (IEEE)	Resistor, voltage dependent (Varistor) (IEC)
Symmetrical varistor (intrinsic) (IEEE)	Light dependent resistor (LDR); Photo resistor	Symmetrical photoconductive transducer (resistive) (IEEE)	Magnetoresistor (IEC)	Magnetoresistor (intrinsic) (linear type shown) (IEEE)	Thermistor with positive temperature coefficient (PTC)	PTC thermistor (IEC)	Thermistor with negative temperature coefficient (NTC) (IEEE)

All Electrical & Electronic Symbols in <https://www.asutpp.com> (based on IEC and IEEE standarts)