

Title: Photovoltaic panel photoresistor symbol

Generated on: 2026-04-14 03:42:29

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In order to represent a Photoresistor in a circuit diagram, the symbol chosen was that would indicate it to be a light dependent device along with the fact that it is a resistor.

A photoresistor (also known as a light-dependent resistor, LDR, or photo-conductive cell) is a passive component that decreases in resistance as a result of increasing illuminance (light) on its sensitive ...

Each one of the solar panel circuit diagram symbols have their own unique meaning, and each plays an important role in providing clean, reliable, and affordable energy.

A photoresistor (also known as a light-dependent resistor, LDR, or photo-conductive cell) is a passive component that decreases in resistance as a result of increasing luminosity (light) on its sensitive ...

Symbol: In circuit diagrams, the photoresistor is represented by a circle with an arrow pointing toward it. The arrow indicates the direction of light, and the circle represents the resistor ...

First, the newer style uses a rectangular box as the resistor symbol. The older style represents the resistor with a zig-zag line. Often, the light-dependent resistor (LDR) symbol is shown without a circle ...

Learn and reference graphic symbols commonly used in photovoltaic energy systems--from solar panels and inverters to charge controllers and grid connections--to standardize PV system diagrams ...

Photoresistors are represented by the letters "R" or "RL," "RG" in the circuit, which are the photoresistor symbols used to denote their function as light-sensitive resistors.

Be aware of the current standards used at your location and find out which of the symbols available are applicable in the region and familiar to the local industry stake holders.

The following symbol is used to depict light dependent photoresistors according to the IEC standard.



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Sometime the resistor symbol is circled, with the arrows outside the circle.

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