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Product Name :

Simple Circuit Module Light Dependent Resistor Board

Product Code :

SLE/PHY/79



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Description :

Simple Circuit Module Light Dependent Resistor Board (Product Code: SLE/PHY/79) is a board-mounted light dependent resistor from the Simple Circuit Modules range, used to add alight sensor to school electricity circuits. In normal room conditions its resistance is approximately250 ohms, and shading it raises the resistance, so students can watch light level control a circuit.It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Module range	Simple Circuit Modules
Component	Light dependent resistor (LDR) on a module board
Resistance in normal roomconditions	Approx. 250 ohms
Resistance when fully covered	Ask us to confirm for the current batch
Product code	SLE/PHY/79
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the LDR Circuit Module Used For?

Placed in series with a lamp or LED module and a few cells, the LDR board makes the light output change as students cover and uncover it, a direct way to show that resistance controls current. With a multimeter across it, groups can record resistance against the distance from a lamp and plot a graph, a common activity in OPTO electronics experiment kit lessons.

Because the resistor is already mounted, there are no fragile leads to bend and the module drops into a circuit alongside the other boards in the range. Take readings away from direct sunlight so results repeat from one group to the next, and compare the board with the bare component when explaining how sensors are built into real products.

What to Specify When Ordering

- Number of LDR boards needed
- Other Simple Circuit Modules to go with them, such as LED, lamp or switch boards
- Whether you need the fully covered resistance value confirmed before ordering

Supplier

Jain Scientific Equipments Private Limited, trading as ScienceLab, supplies this LDR board with the other boards in its Simple Circuit Modules range, so a school can assemble a matched set in one order. Institutions completing vendor forms can use the company's GSTIN 06AAECJ8618A1ZT and its Legal Entity Identifier 3358004HRD1JIVXKYX49. More about the company is on the ScienceLab profile.

Rela

Board

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