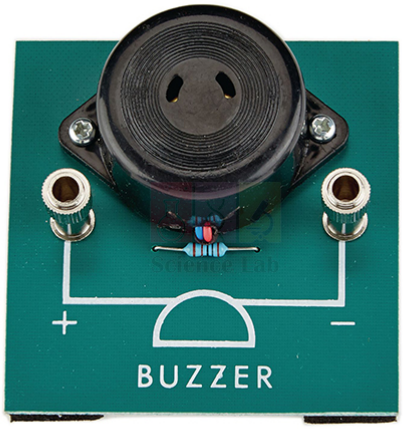
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Product Name :

Simple Circuit Module Buzzer

Product Code :

SLE/EM/28



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Description :

Simple Circuit Module Buzzer (Product Code: SLE/EM/28) is a base-mounted buzzer from the Simple Circuit Modules series. Because it is a low-current buzzer of about 2mA capacity, itsounds even when only a very small current flows, so pupils can hear at once whether the circuitthey have built is complete. Primary and secondary teachers use it in electricity experiment kitlessons on circuits, switches and simple alarms. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, as part of its range of physics lab equipment in India.

Specifications

Parameter	Detail
Series	Simple Circuit Modules
Component	Low-current buzzer
Current capacity	2mA approx.
Mounting	On base
Companion module in the same series	LED boards: large light-emitting diodes with a 220 ohm series resistor, for p.d.s of up to 6V

Typical Use

Since it needs only around 2mA, the buzzer still sounds in circuits with fairly high resistance. That makes it handy for continuity checks, for testing whether materials such as pencil graphite or salt water conduct, and for alarm circuits in which a push switch, reed relay or sensor board sets it off. Younger pupils can build a cell-switch-buzzer loop in minutes and then add a second module to see how the circuit changes.

Pairing the buzzer with an LED board from the same series gives a circuit that signals with both sound and light, a popular combination for door-alarm and quiz-buzzer projects. If the module is marked with polarity, connect it the right way round, and run it from the low-voltage cells used in normal class work.

Manufacturer

The buzzer module is one of the Simple Circuit Modules produced by Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala, Haryana. Learn more about the company on our profile page.

Related Laboratory Equipment

Modules and parts that combine with the buzzer:

- Simple Circuit Module Push Switch — sounds the buzzer on demand
- Simple Circuit Module LED Board Red — a visual indicator to use alongside the buzzer
- Simple Circuit Module Reed Relay — lets a magnet or a second circuit trigger the buzzer
- Simple Circuit Module Lamp Holder — a lamp module for comparing indicators

More

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