Email : sales@scilabexport.com
Phone: +91-7082934803

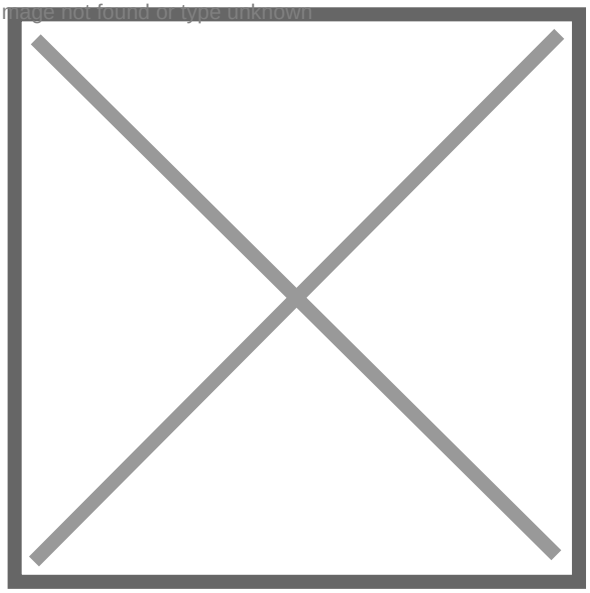
Product Name :

Knife Switch – Single Pole

Product Code :

SLE/PHY/197

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Description :

Knife Switch – Single Pole (Product Code: SLE/PHY/197) is a single-pole, single-throw (SPST) knife switch on a plastic base used to turn one path of a circuit on and off in school and college electricity practicals. It comes from a range of knife switches made for electricity circuits, and its pole and blade are brass so that the closed switch makes a good electrical connection. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, among its school physics lab equipment in India.

Key Details

Parameter	Detail
Switch type	Knife switch, single pole, single throw (SPST)
Mounting	Plastic base
Pole and blade	Brass, to ensure good electrical connections
Suitable for	Electricity circuits
Range	One of a range of knife switches on plastic bases; a double-pole version is also listed
Product code	SLE/PHY/197
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Single Pole Knife Switch Used For?

Wired in series with the cell or power supply, the switch acts as the main key of a student circuit: resistance measurements, meter bridge and potentiometer set-ups, lamp and motor circuits all need a way to break the current between readings. Opening the switch after each reading stops a resistance wire from warming up and drifting in value, and it saves dry cells from running down while students record their results.

For dependable readings, push the blade fully home between the brass contacts and keep the contact faces clean and free of tarnish. Because the brass parts are exposed, use it only in low-voltage circuits, not for mains switching. As everyday school physics lab equipment in India, a few spare switches per laboratory make it easy to build several circuits at once.

What to Specify When Ordering

- Single pole (this item) or the double-pole, double-throw version from the same range
- The number of switches needed per bench or per laboratory
- Any connecting leads, clips or rheostats you want quoted with the switches

Manufacturer

Jain Scientific Equipments Private Limited, which trades as ScienceLab, manufactures this single pole knife switch in Ambala, Haryana, India for schools, colleges, laboratory dealers and impor ...uit parts ...

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