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

Product Name :

Knife Switch, Double Pole

Product Code :

SLE/PHY/198



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

Description :

Knife Switch, Double Pole (Product Code: SLE/PHY/198) is a double-pole, double-throw(DPDT) knife switch used to reverse the direction of a current or to change a circuit over betweentwo paths in physics and electrical practicals. Its brass poles and blades sit on a plastic base andare chosen to ensure good electrical connections on both poles at once. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Key Details

Parameter	Detail
Switch type	Knife switch, double pole, double throw (DPDT)
Mounting	Plastic base
Poles and blades	Brass, to ensure good electrical connections
Suitable for	Electricity circuits
Range	One of a range of knife switches on plastic bases; a single-pole version is also listed
Product code	SLE/PHY/198
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Double Pole Knife Switch Used For?

With its outer terminals cross-connected, the switch becomes a reversing key: one throw sends current through a solenoid, motor or galvanometer in one direction, and the other throw reverses it. That is exactly what is needed to show a magnetic field changing direction, to run a small DC motor backwards, or to average tangent galvanometer readings taken with the current both ways. Wired without the cross-connection, it moves one supply between two circuits, for example charging a capacitor and then discharging it through a meter.

Check that both blades seat fully in their contacts on each throw, since a half-closed pole gives erratic readings. Keep the brass faces clean and limit use to low-voltage circuits, because the conductors are exposed. It is a practical addition to any set of AC DC circuits experiment kits in a school or college laboratory.

What to Specify When Ordering

- Double pole, double throw (this item) or the single-pole version from the same range
- The quantity required for student benches and the demonstration table
- Connecting wire or other circuit components you want included in the same quotation

Manufacturer

This double pole knife switch is manufactured by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, from Ambala, Haryana, India. Laboratories, training institu r suppl

Need

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