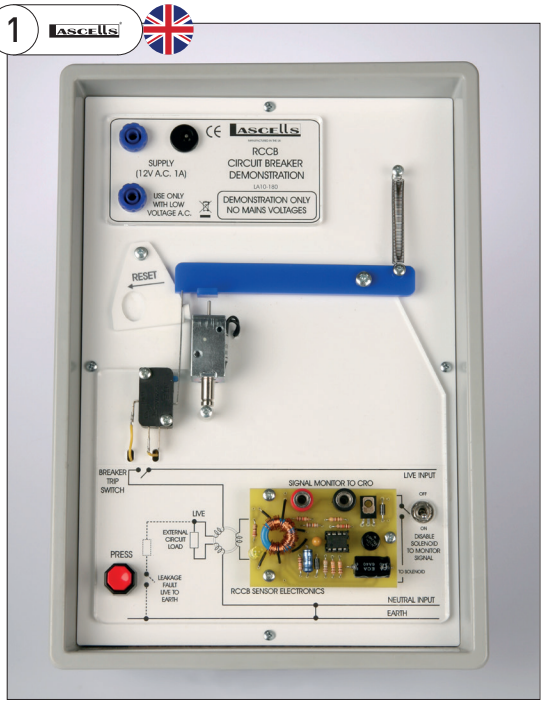
1



1. Lascells RCCB Demonstration Apparatus

This apparatus is a companion to the Circuit Breaker Demonstration (PY3018). It shows all the working parts of a modern RCCB type fuse as used in domestic consumer units. The apparatus is contained within a robust plastic tray with protective acrylic cover and includes a clear circuit layout on the main panel. Applications of electromagnetism (movement from a solenoid) are clearly demonstrated as well as the performance of the RCCB itself.

The apparatus requires a 12V AC supply and an oscilloscope if signal monitoring is required. A switch on the main panel is used to create a leakage path to "Earth" and this produces an immediate response from the solenoid to disconnect the supply. The solenoid can be disabled to allow for a more detailed analysis of the action. This unit should prove invaluable to those wishing to show how this type of device operates, as well as for teachers requiring an additional aid to show applications of electromagnetic devices.

Code	Pack	Price
PY3020	Each	£170.97

2



2. Lamp Brightness Experiment

A modern and safe version of a potentially lethal experiment. Students often think that the brightness of a lamp is only dependent on the current flowing through it. The unit allows the teacher to safely switch a 12V lamp in series with a mains lamp, and study the current flow through them.

Using the unit provokes thinking about power and voltage, energy etc. Students see the need to go beyond discussion of current. It may also be used to investigate potential dividers and resistors in series.

Code	Pack	Price
SEM2000	Each	£57.99

3



3. Conducting Putty

A flexible and moldable putty that conducts electricity. Great for use with circuits experiments and for investigating capacitance.

Code	Pack	Price
BB1162	Each	£28.23

Miele Laboratory Washer

Ideal for professional labs and educational establishments. Accessories and detergents available.



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