

1. Buzzer Module

Converts electrical energy into sound. It emits an audible tone when connected into a circuit. It is polarity sensitive and must be connected with the correct polarity (±) in order to operate. Changing the level of input voltage produces different sound level outputs. Also available magnetic backed for demonstration.

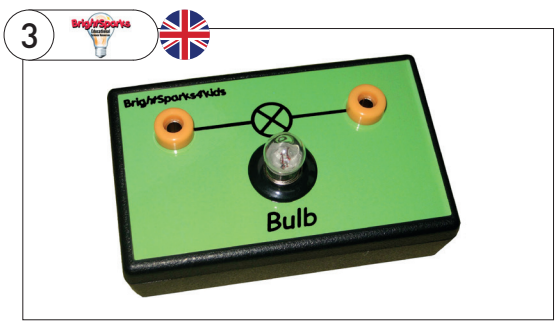
Code	Description	Pack	Price
EDU1040	Buzzer module	Each	£6.60
EDU1040M	Buzzer module with magnetic back	Each	£9.59



2. Variable Resistor Module

Allows varying levels of electric current to flow through it depending on the position of the control knob. This module can be used as either a speed control for the motor module or as a dimmer switch for the bulb module. For best results use at least two battery cells (3V). Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1042	Variable resistor module	Each	£9.79
EDU1042M	Variable resistor module with magnetic back	Each	£11.59



3. Bulb Module

Converts electrical energy into light. It contains a very thin coil of wire called a filament. This unit uses a standard low voltage miniature MES bulb. Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1044	Bulb module	Each	£6.72
EDU1044M	Bulb module with magnetic back	Each	£7.75



4. Battery Module

Safely supplies power to the other modules. Short circuit protected. Battery modules can be linked together to combine voltages. Each module supplies 1.5 volts and requires one standard C- type battery. Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1054	Battery module	Each	£6.50
EDU1054M	Battery module with magnetic back	Each	£7.75



5. Extra Connection Module

This module allows you to easily connect up different components when designing circuits. It incorporates spring loaded sockets that easily hold resistors, diodes, LEDs, and much more. Also available magnetic backed for demonstration.

Code	Description	Pack	Price
EDU1056	Extra connection module	Each	£6.50
EDU1056M	Extra connection module with magnetic back	Each	£7.75