E1 on one page

Symbol	Component	Type	Function
	**Switch**	input	On/off command.
	**Variable resistor**	input	Set a level.
	**LDR**	input	Senses light.
	**Thermistor**	input	Senses temperature.
	**LED**	output	Light; polarised.
	**Lamp**	output	Light + heat.
	**Buzzer**	output	Sound.
	**Motor**	output	Movement.
	**Battery**	supply	Long plate +.
	**Diode**	protect	One way only.
	**Ammeter**	meter	Series.
	**Voltmeter**	meter	Parallel.

SHORT CIRCUIT · EXAMINER TIPS

- Battery: long thin plate = +.
- LED: bar towards 0 V. Protection diode: bar to +V.
- Ammeter in series; voltmeter across.
- Justify = device + linked reason.