

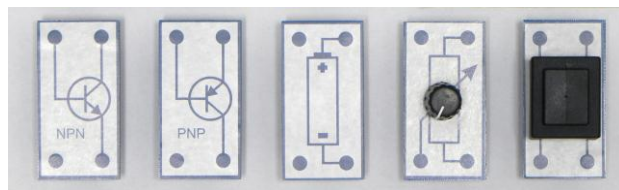
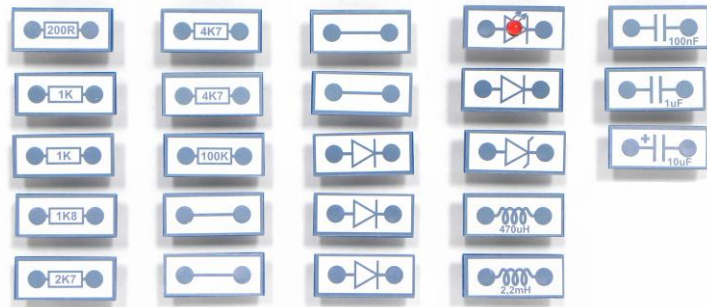
DL 2150 system

DL 2150-EE

Kit of components for the study of **basic electricity and electronics**

Composed of:

- Resistor 1K (2 off)
- Resistor 1.8K
- Resistor 2.7K
- Resistor 4.7K (2 off)
- Resistor 100K
- Resistor 200Ohm
- Jumper (short-circuit) (4 off)
- Diode (4 off)
- LED
- Zener diode
- Capacitor 100nF
- Capacitor 1uF
- Capacitor 10uF
- Transformer 10V/5V
- Transistor NPN
- Transistor PNP
- Potentiometer 1K
- Coil 470uH
- Coil 2.2mH
- Battery AAA 1.5V with holder



List of experiments:

1. Ohm's law
2. First Kirchhoff's law
3. Second Kirchhoff's law
4. Resistors in serial connection
5. Resistors in parallel connection
6. Wheatstone bridge
7. EMF and internal resistance
8. Power dissipation of resistor
9. Capacitor's charge and discharge
10. Capacitor's characteristics
11. Inductor's characteristics
12. RLC circuit
13. Phase difference in RC circuit
14. Diode characteristics
15. Diode as a rectifier
16. Graetz circuit
17. Transistor's characteristics
18. Transistor as an amplifier
19. Transistor as a switch
20. Transformer's characteristics

