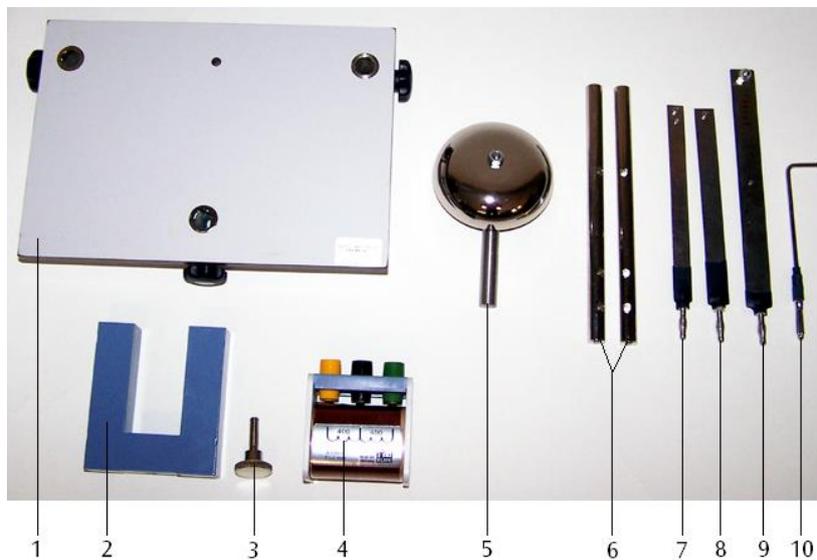


## Assembly Kit “Bell, Relay and Bimetallic Switch” 1000994

### Instruction Sheet

10/15 SP/ALF



- 1 Base plate
- 2 U-core
- 3 Fixing screw for U-core
- 4 Coil
- 5 Bell
- 6 Contact rods
- 7 Bimetallic strip
- 8 Armature
- 9 Leaf spring
- 10 Contact pin

#### 1. Description

The bell, relay and bimetallic switch assembly kit is used to construct different types of electromagnetic switches and bimetallic strip switches.

#### 2. Equipment supplied

- 1 Base-plate with three fixing positions
- 1 Bell, 70 mm diameter
- 2 Contact rods, each with three 4 mm holes
- 1 Leaf spring with plug
- 1 Bimetallic strip with plug
- 1 Armature with plug
- 1 Contact pin with plug
- 1 U-core, 20 × 20 mm<sup>2</sup>
- 1 Fixing screw for U-core
- 1 Coil, 800 turns.

#### 3. Technical data

Base plate: 200×140×40 mm<sup>3</sup> approx.  
Weight: 1.6 kg approx.

#### 4. Example switch assemblies

To assemble the switches the following additional equipment is needed:

1 Transformer with rectifier @230 V  
1003316

or

1 Transformer with rectifier @115 V  
1003315

1 Lamp socket E14 1000947

1 Filament lamp, 12 V, 25 W, E14, as typical consumer item

#### 4.1 Assembly of a bell circuit

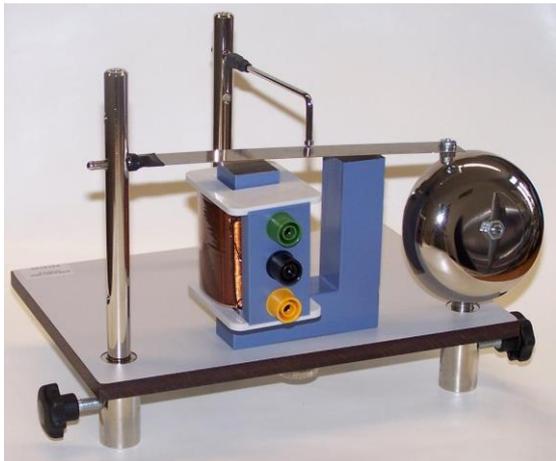


Fig 1 Assembly of a bell circuit

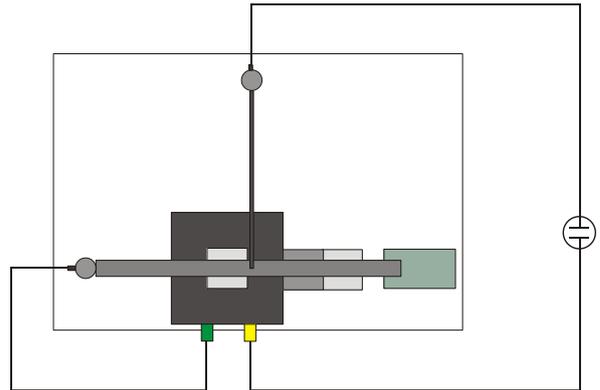


Fig. 2 Circuit diagram for a bell

#### 4.2 Assembly of a relay

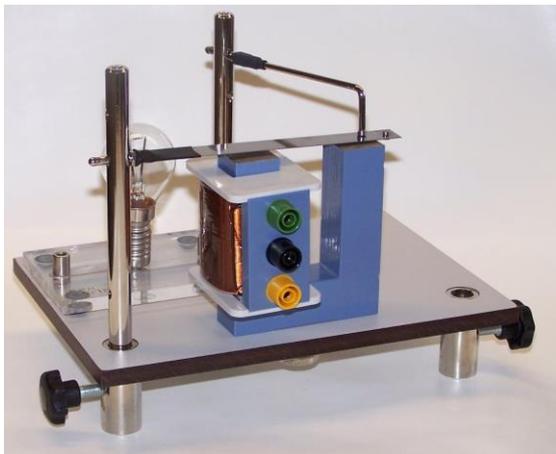


Fig 3 Assembly of a relay

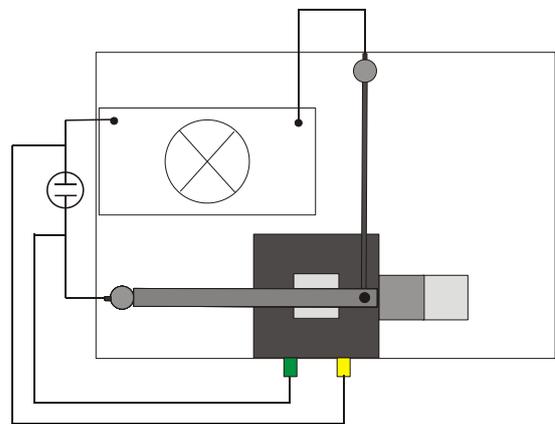


Fig. 4 Circuit diagram for a relay

#### 4.3 Assembly of a bimetallic switch circuit

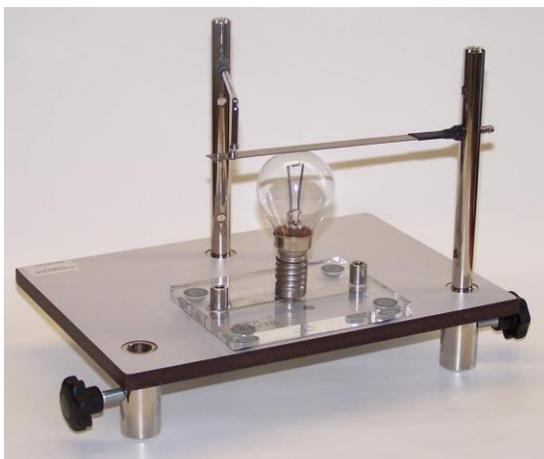


Fig. 5 Assembly of a bimetallic switch circuit

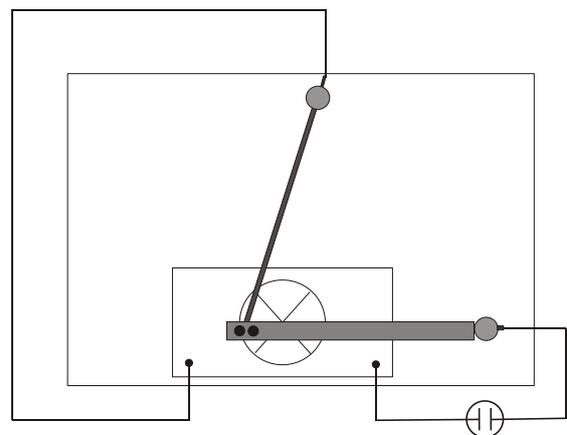


Fig. 6 Circuit diagram for a bimetallic switch