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04335

**BLACK DIMMER RTS1**



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**WARNING!** When installing and whenever acting on the appliance, ensure that the power supply has been switched off.  
For the installation of the spare-part, it is necessary to consult a qualified electrician.

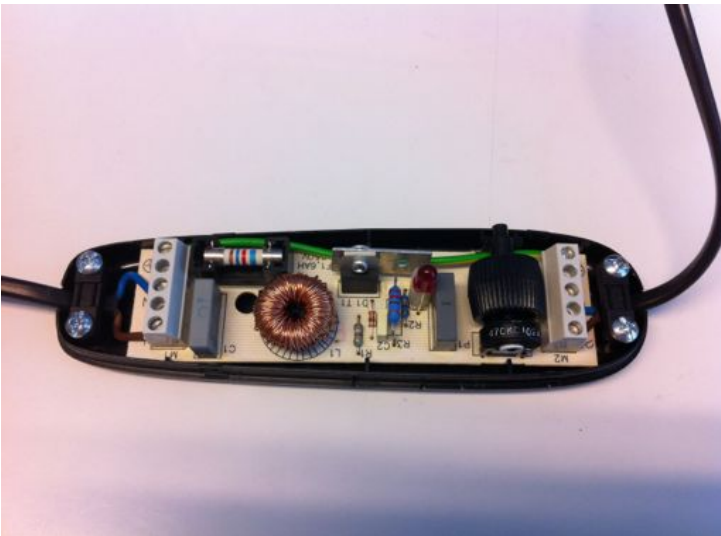


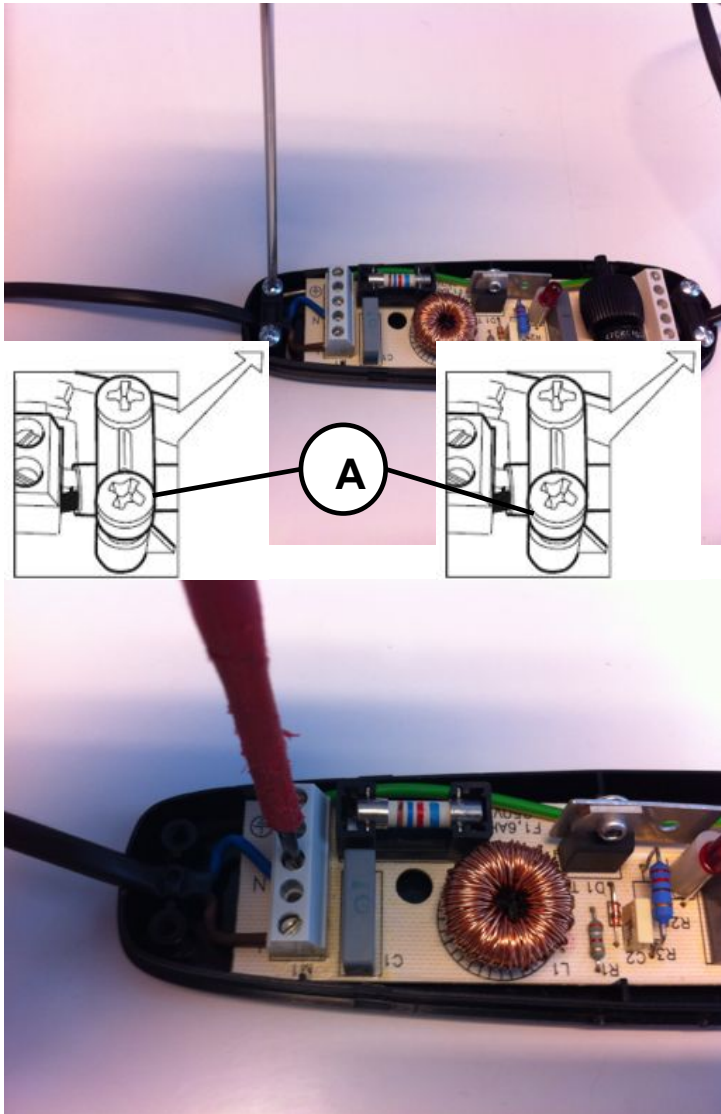
Open the dimmer box of the damaged dimmer.  
For the opening, it is necessary to insert a flat headed screw driver inside one of the lateral openings of the casing and force it to open (refer to fig. 1) and then repeat the same operation also on the other side (refer to fig. 2);



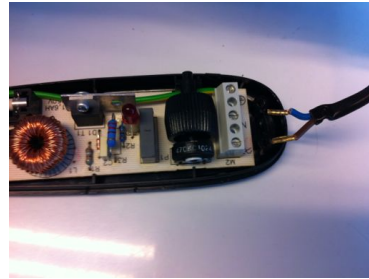
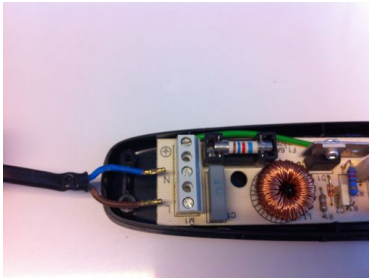
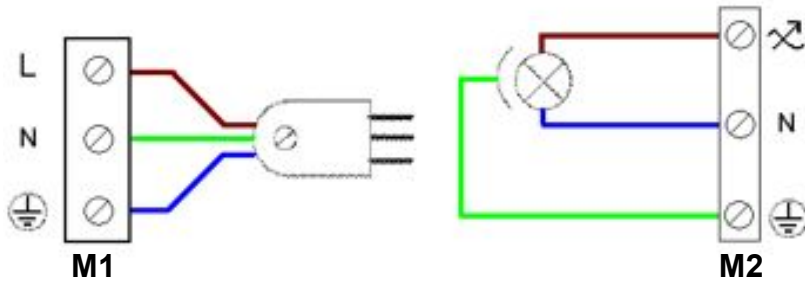


*Lift-up the dimmer casing from the dimmer base;*

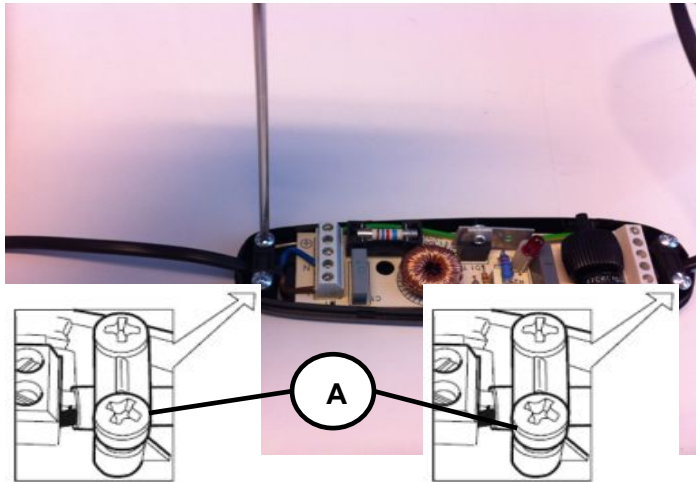




*Remove the cable clamps by unfastening the 4 screws (A) and disconnect the wires from the terminal blocks through a tiny flat headed screw driver;*



Replace the dimmer and connect the wires. When connecting the wires it is necessary to respect the polarities (L = *Brown* and N = *Blue*) to the terminal box. Lock the electrical cables by fastening the screws (A) of the cable clamps and make sure to block the isolation of the electrical cable.





*Close the dimmer box. It is necessary to place the casing on top and press down until it locks in.*

## DIMMER TECHNICAL DATA SHEET

Universal electronic regulator with rotary control;  
 Pollution level 2;  
 Resistance index to superficial currents (PTI175);  
 Test level of the incandescent wire (level 1 switch);  
 Pass through installation on wire (wire-breaker);  
 Luminous point for identification in the dark and signalling the presence of network voltage;  
 Built-in fuse;  
 Power 60-150 VA;  
 Lamp power 60-150W  
 Power supply 11V ~ 50/60Hz;  
 The dimmer has intensity regulation that only guarantees an electronic type disconnection (ε)

### Instructions for use

Regulation takes place directly by turning the regulator knob. In proximity of the minimum regulation value, the regulator switches the load off automatically.

**Notes** Do not use with lamps already supplied with regulator.

The regulator is not provided with a mechanical switching device for the electric circuit and therefore does not provide galvanic insulation.

In the case of a fault, have the fuse checked by a qualified electrician and if necessary have it replaced with one of the same type.

### Installation and operating Standards

The regulator is connected passing on the wire, if necessary, using that with which the lamp is provided. Open the casing, spring closed, turning a screwdriver after having positioned it in the groove between the two shells (Fig.1); wire as per diagram, tighten the cable fasteners checking the mechanical seal of the cables, close the spring casing. The regulator must not be subjected to the direct action of heat sources.

The reference room temperature is 35° centigrade; every 5° extra reduce the plate power by 20%.

Installation must be carried out respecting the IEC Standards in force, scrupulously following the wiring diagrams, only using H03VV-F 3x0.75 mm<sup>2</sup> (Ø 6.8 max) cables and respecting all Safety Standards (earth wire at least 8 mm longer than all of the others).

The earth clamp present in the appliance can be used as protection earth for the load. Fasten the clamps well. Every appliance has been inspected and L.C. Relco guarantees its functioning on condition that the installation Standards and the plate values stated above are respected. For

