

# zappi

## RCD Board Replacement

### Installation Guide

#### myenergi Part Codes

A3552-5-S, A3552-7-S

#### What's in the box?

1x RCD Board

#### SAFETY INFORMATION

##### WARNING

##### ELECTRIC SHOCK

Installation of the RCD Board involves opening the zappi enclosure. We, therefore, recommend that this is carried out by a suitably qualified, competent person to make sure that the work is carried out safely

The supply to the zappi **must** be isolated before the cover is removed.

#### Compatibility

The part codes listed above are compatible with zappis with serial number beginning with a '2'. These instructions relate only to the part codes above. Separate instructions required for the installation of an RCD Board in earlier zappi models.

#### Installation

**Step 1:** Isolate the supply to the zappi.

**Step 2:** Unclip the front fascia and leave to one side.

**Step 3:** Undo the 8 screws holding the main enclosure cover to the body, and carefully pull the cover forwards.

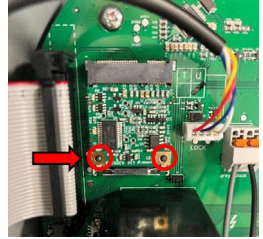
**Step 4:** Unplug the ribbon cable from the front cover and lay the cover on a flat surface ensuring that the cover can't be scratched.

##### NOTICE

The ribbon can be difficult to pull out.

If installing into an untethered zappi, it will not be possible to remove the cover completely. Let it hang down whilst protecting it from being scratched.

**Step 5:** You will now be able to see the RCD board in the top left corner. This sits on top of the main circuit board. The existing board is held in place by 2 clips on the bottom edge. Simply, push both clips down towards the bottom of the zappi, the board will release, then pull the board away.



**Step 6:** Pull the board downwards and out of the socket on the top edge.

**Step 7:** Holding by its edges, refit the new RCD board in the same way, pushing it back down until it clicks into place and sits flush, as before. Make sure both clips are fully engaged.



**Step 8:** Before closing the zappi check that none of the surrounding cables or connections have been loosened or disconnected.

**Step 9:** Refit the front cover, ensuring the ribbon is securely pushed back in before screwing the cover back by securing the 8 screws. Tighten to 1.2N m.

**Step 10:** Refit the coloured fascia.

### Commissioning

**Step 1:** Restore the supply to the zappi and carry out a full range of RCD tests using suitable test equipment.

**Step 2:** Before leaving site, you must always check the customer's EV will charge.

### Technical Support

If you experience any issues, during or post installation, please contact our technical support team by scanning the QR Code below



Please contact us directly for the quickest solution.