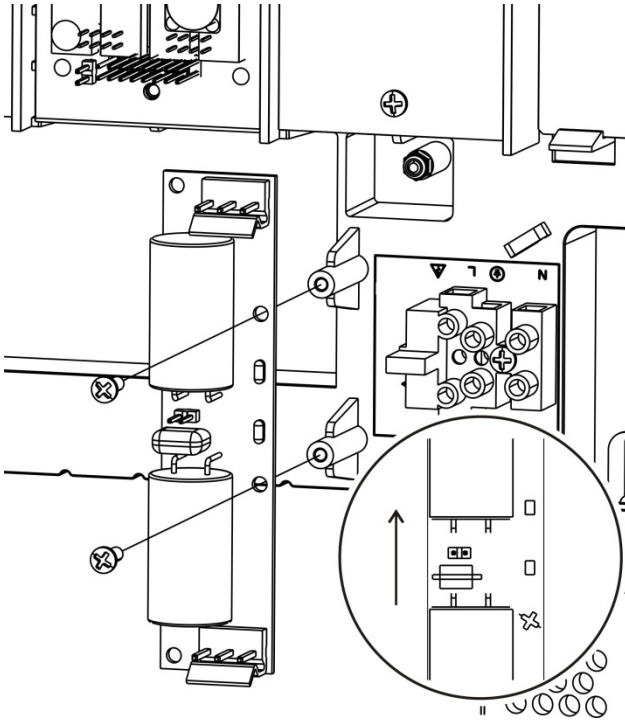
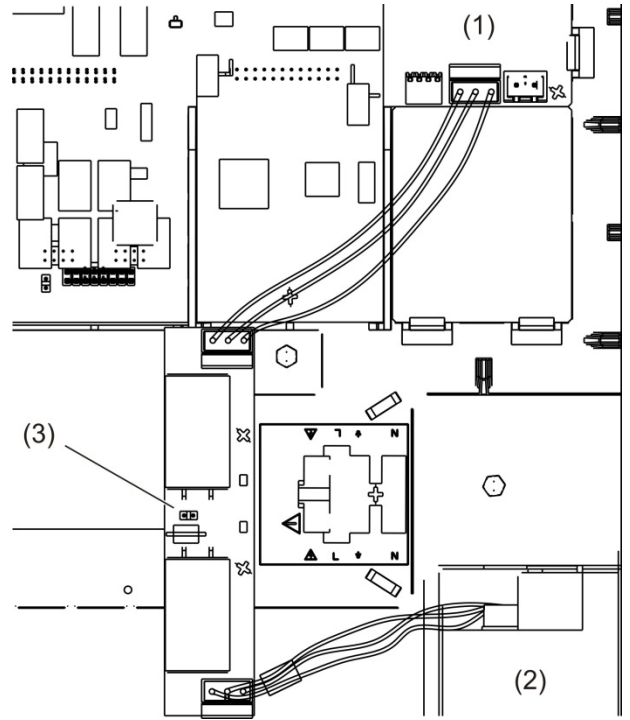


# 2010-2CAP Capacitor Board Installation Sheet

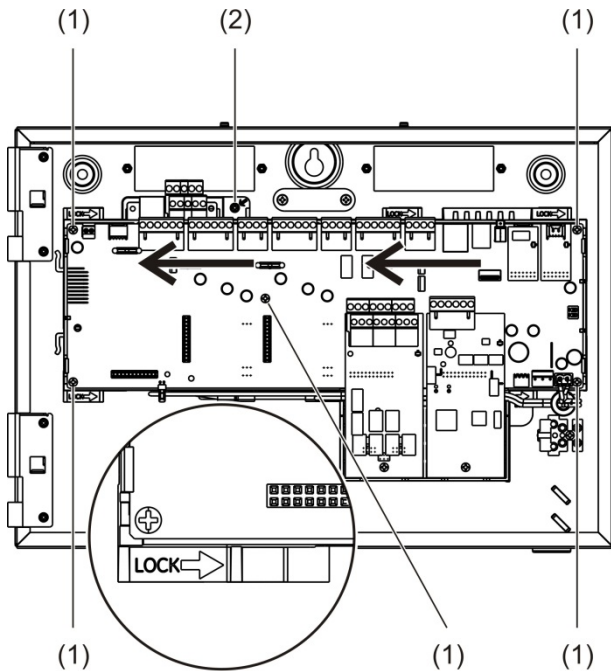
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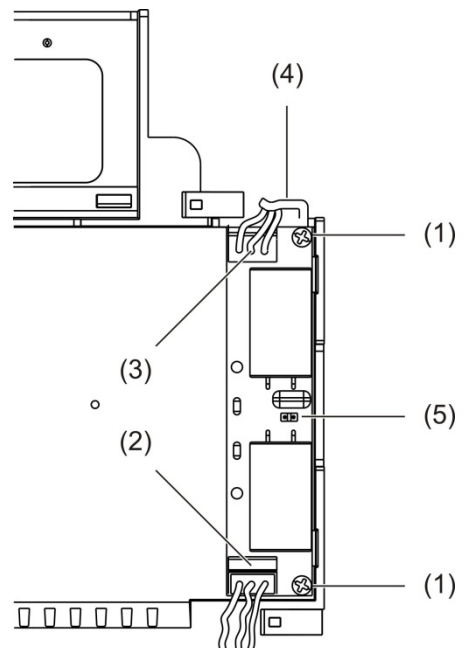
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## Description

The 2010-2CAP Capacitor Board reduces loop interference for installations in noisy environments.

## Figures

Figure 1: Installation (large cabinet)

Figure 2: Connections (large cabinet)

- (1) Control panel PCB power supply connector (J25)

(2) Power supply unit

(3) GND/EARTH jumper pins

Figure 3: Installation (small cabinet)

- (1) PCB holding screws

(2) Chassis holding screw

Figure 4: Installation (small cabinet)

- (1) Holding screws

(2) Power supply cable

(3) Control panel PCB cable

(4) Cable holder

(5) GND/EARTH jumper pins

## Installation

**WARNING:** Electrocution hazard. To avoid personal injury or death from electrocution, remove all sources of power and allow stored energy to discharge before installing or removing equipment.

### To install the capacitor board in large cabinet control panels:

1. Install the board onto the control panel PCB as shown in Figure 1.

2. Disconnect the power supply cable from the control panel PCB and connect it to the board as shown in Figure 2.

3. Connect the board to the control panel PCB as shown in Figure 2.

### To install the capacitor board in small cabinet control panels:

1. Disconnect the power supply cable from the control panel PCB and remove the control panel PCB holding screws (Figure 3, item 1).

Remember to also remove the holding screws for any installed expansion boards.

2. Remove the chassis holding screw (Figure 3, item 2) and slide the chassis to the left to remove it.

The control panel PCB and attached cabling can now be removed from the chassis.

3. Turn the chassis over from the bottom and install the board onto the underside of the chassis as shown in Figure 4.

First place the separators, then the board, and finally the holding screws.

4. Connect the power supply cable (Figure 4, item 2) to the lower connector on the board, and then connect the control panel PCB cable (Figure 4, item 3) to the upper connector.

5. Replace and secure the chassis and the control panel PCB.

6. Connect the control panel PCB cable to the control panel PCB power supply connector and secure the cable with cable ties.

### Installations with exceptionally high levels of loop interference

**Caution:** The following should only be attempted in exceptional cases where interference levels are significantly increased due to loop crosstalk.

For installations with exceptionally high levels of loop interference, place a jumper onto the GND/EARTH jumper pins of the board (see Figures 2 and 4).

Placement of the jumper will provoke an earth fault indication. To stop earth fault reporting, configure a fault mask at the control panel.

**Note:** With the fault mask enabled, the earth fault will not be indicated and will not be reported in the event log. However, earth faults are still detected and these will provoke other types of fault that are indicated (for example, a device communications error), ensuring that the safety of the detection system is not at risk.

## Regulatory information

Certification	
Manufacturer	UTC CCS Manufacturing Polska Sp. Z o.o. Ul. Kolejowa 24, 39-100 Ropczyce, Poland.  Authorized EU manufacturing representative: UTC Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, Netherlands.
	2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: <a href="http://www.recyclethis.info">www.recyclethis.info</a> .

## Contact information

For contact information, see [www.utcssecurityproducts.eu](http://www.utcssecurityproducts.eu).