# 7 Segment Controller

**CQR**

*First choice for quality*

## DESCRIPTION

A panel with 7- segment display to indicate the status of multiple C4A controllers on a network.

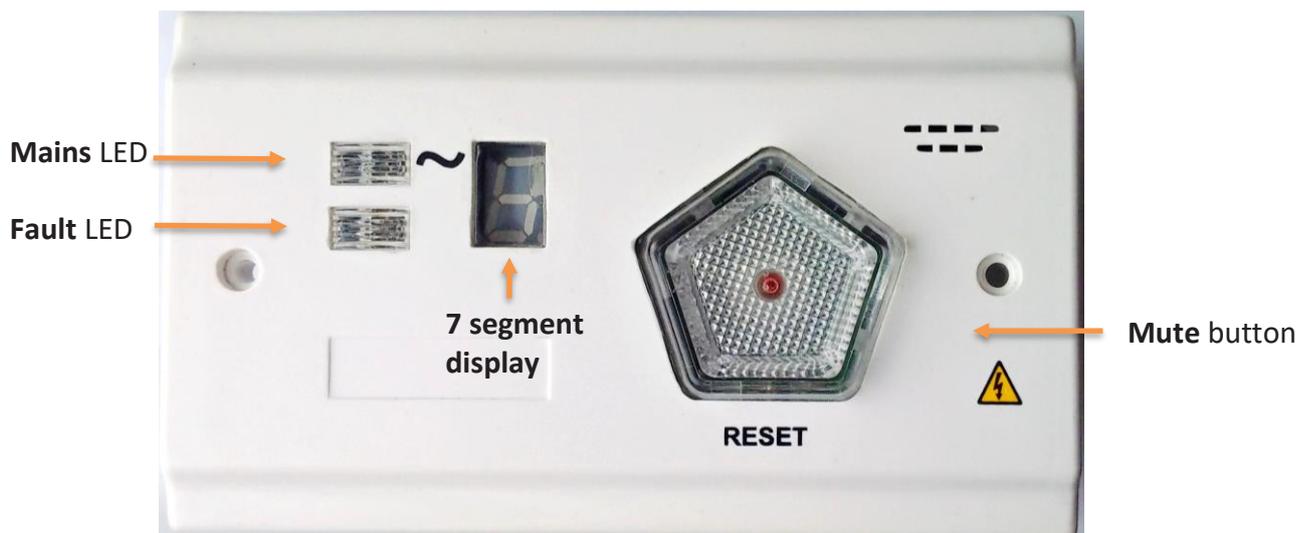This unit can monitor 10 addresses. Two conditions are communicated;

a) C4A system going into alarm
b) C4A system having any fault such as mains fail, short circuit of wiring or weak battery
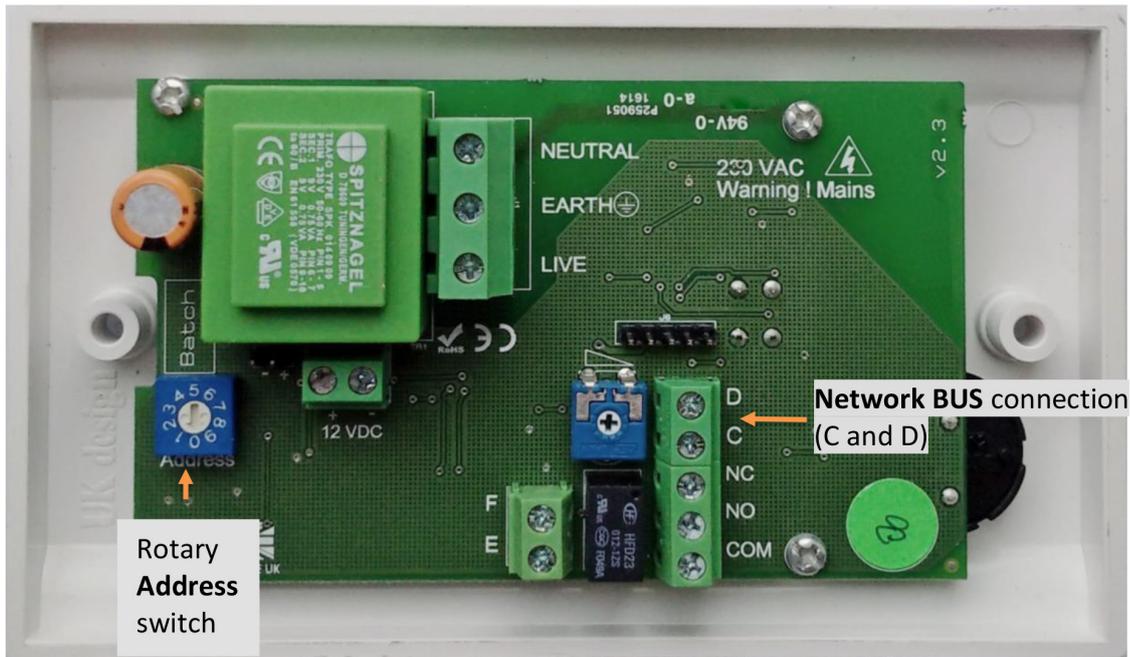
## SPECIFICATION

- Dimensions (mm):                                    146(L) x 86(W) x 30(H)
- Input voltage:                                          230VAC Nominal

## BLOCK DIAGRAM

PANEL FRONT



**Mains** LED

**Fault** LED

**7 segment display**

**Mute** button

**RESET**

Rotary **Address** switch

**Network BUS** connection (C and D)

## INSTRUCTIONS

STEP 1

Connect the MAINS into the terminal block. Please observe all standard wiring protocols.

STEP 2

Wire the network bus connections into C and D on the PCB.

Please **observe polarity** throughout the network.

STEP 3

**Power** up the **7 segment monitor first** and then all the other systems on the network. This is important to ensure proper functioning of the network.

STEP 4

Set any one of the connected C4A systems into alarm. The corresponding address will be displayed on the panel. Also, the sounder will emit a tone. Try silencing this local alarm, by pressing the reset button. The sounder on the C4A7MON will silence and leave the C4A to continue in its alarm state.

STEP 5

Set another unit into a fault by switching off the power on a system which has battery back-up.

Once any existing alarms have been reset, then **'F'** led will flash along with the corresponding address.

 **All fault indications are superseded by an alarm condition**.