

## FCU-503

### Flexible Fan Coil & Underfloor Heating Control



Designed to provide complete heating and cooling control to a residential space or zone, the FCU-503 can be set up to provide control for the below applications:

- Fan Coil Heat / Cool.
- Fan Coil Cooling with Underfloor heating.
- Fan Coil Cooling with Underfloor heating and a second stage of Fan Coil heating.

An integrated second zone of heating along with dedicated towel rail control options allows adjacent bathrooms or heating only zones to be controlled from the same controller.

The FCU-503 provides outputs for heating, cooling and fan control and is provided with options for fabric protection, set back, floor protection and water flushing / valve exercise routines as standard.

The FCU-503 can be used as a stand-alone controller, part of the Titan Products residential control solution or part of a 3rd party BACnet network.

### KEY FEATURES

- Multiple heat / cool options for FCU and UFH applications.
- Integrated and independent heating control loop for 2nd zone.
- Bathroom control options.
- Water flushing / valve exercising routines.
- Setback / Frost / High Temp protection settings.
- Heat and cool enable relay outputs for HIU/Boilers/Heat Pump with output delay option.
- Fully compatible with RDU-Touch user interface.
- Fully compatible with Titan Products residential control solution.

For install and setup information please contact [technical@titanproducts.com](mailto:technical@titanproducts.com)

### SPECIFICATION

Power Supply	24V AC/DC +/-10%
Power Consumption	400mA excludes outputs @ 24V (includes 1x RDU)
Inputs/Outputs	4 x Digital Outputs 2 x Analogue Outputs 2 x Relay Outputs 2 x Digital/0-10V inputs 5 x 10K3A1 Temperature Inputs 1 x RDU Temperature Sensor
24VAC Digital Outputs	350mA max
0-10V Analogue Outputs	5mA max
Relay Outputs	5amp at 240 max
Temperature Inputs	10K3A1
Communications	BACnet MS/TP (RS485)
Indication	Tx/Rx
Operating Temperature	5 – 40°C
Operating Humidity	20 – 80% RH Non-condensing
IP Rating	IP20
Mounting	DIN Rail
Dimensions	106 (w) x 92 (h) x 62 (d) mm
Country of Origin	UK
Product Code	FCU-503



### THE SYSTEM

#### Example setup as part of the Residential Solution

