



CTU-4524-PM2-3S-FC-SUPER



Main Controller for B.M.S, Fan-Coil applications, with pulse modulating outputs for Cool & Heat valves, with Modbus protocol.

General

The CTU4524-PM2-3S-FC-SUPER is a main controller for Fan Coil applications, suitable for B.M.S. (Building Management System), with Modbus protocol.

It has a modular, user-friendly design with various Fan Coil applications built-in, field selectable. This modularity allows you to have one main controller for different Fan Coil applications and suit it according to customer's needs on the spot.

The CTU4524-PM2-3S-FC-SUPER also offers cost efficient capabilities, such as, occupancy sensor and fault inputs for maximum energy saving.

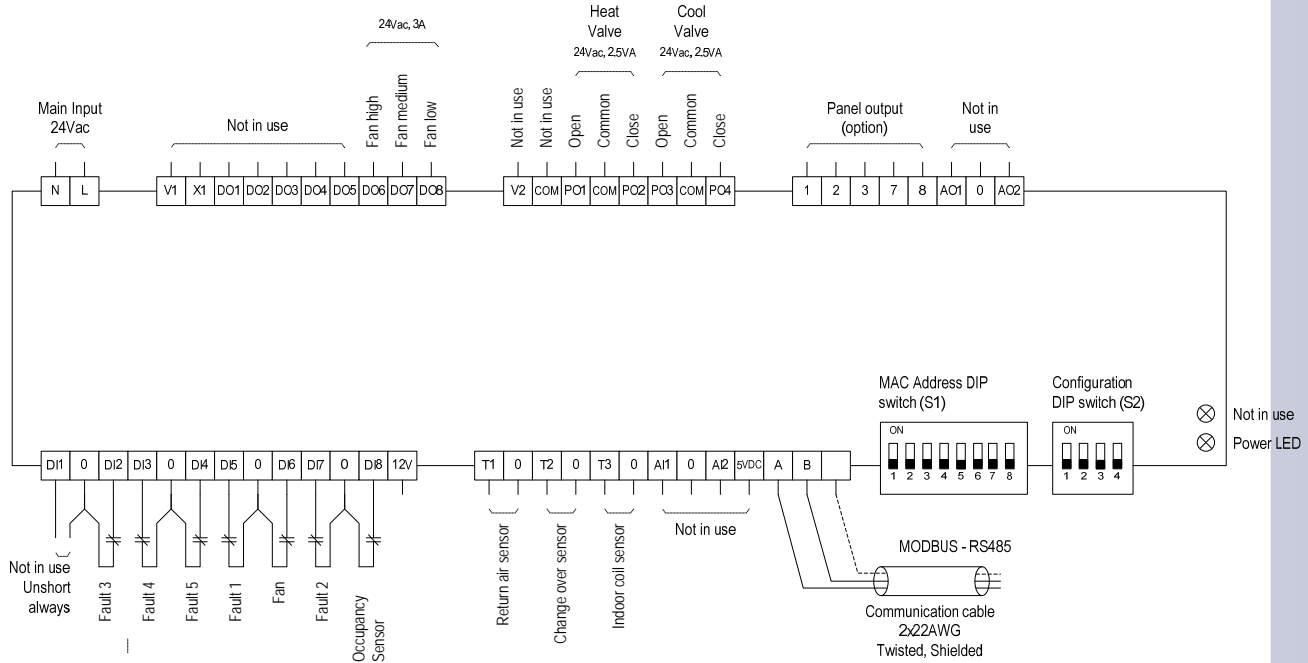
The CTU4524-PM2-3S-FC-SUPER is factory pre-programmed to save valued time for the installers on field programming.

Features

- Main input – 24VAC
- F/C applications, jumper selectable:
 - 2-pipe system
 - 4-pipe system
- Pulse Modulating outputs (floating / 3-wire) for Cool and Heat valves - 24VAC (opening / closing duration -0...500 sec. - adjustable)
- Auto-change-over sensor
- Indoor coil sensor input for Heat (soft-start)
- Return Air sensor input
- 3 Speed output- 24VAC, 3A + Auto Speed
- Auto Fan – option
- Fan On/Auto-Fan in Cool/Heat – selectable
- Wall /flush mount / IR panels – option
- Fault input - dry contact, voltage-free, for occupancy sensor
- 4 x fault input – for indication through protocol
- Occupancy sensor input, Normally Closed, when Open – all outputs are off
- Occupancy sensor operation – adjustable – 0...60 minutes
- Set point limits - 10°...30°C
- Offset for temperature reading - -6...+6°C through room panel
- DIN rail attachable



Electrical Diagram



Dimensions

Length	205 mm
Width	96 mm
Height	60 mm
Weight	0.545 Kg

Specifications

Input Voltage	24Vac, ± 50Hz
Flammability	UL94V-0

Accessories

Part Number	Description
FMH-X500	Flush Mount panel- Horizontal
ETN-X500	Surface Mount panel
FMT-X500	Flush Mount panel- Vertical
IRP-X500	Receiver panel for remote control
RT03	IR remote control
TS01	Temperature Sensor - 80 cm Cable
RS01	Temperature Sensor into decorative box
RS02	Average Temperature Sensor into decorative box