meitav-tec

CTU-4524-3S-FC-SUPER

Main Controller for Fan Coil in Building Management System (B.M.S.) applications, with RS-485 interface for Modbus protocol and On/Off outputs for the Fan-Coil valves

General

The CTU4524-3S-FC-SUPER is a main controller for Fan coil in B.M.S. applications with Modbus Protocol. It has a modular, user-friendly design with various F/C applications built-in, field selectable. This modularity allows you to have one main controller for different Fan Coils applications and suit it according to customer's needs on the spot.

The CTU4524-3S-FC-SUPER also offers cost efficient capabilities, such as, occupancy sensor or window contact inputs, auto-change-over and smart algorithm for maximum energy saving.
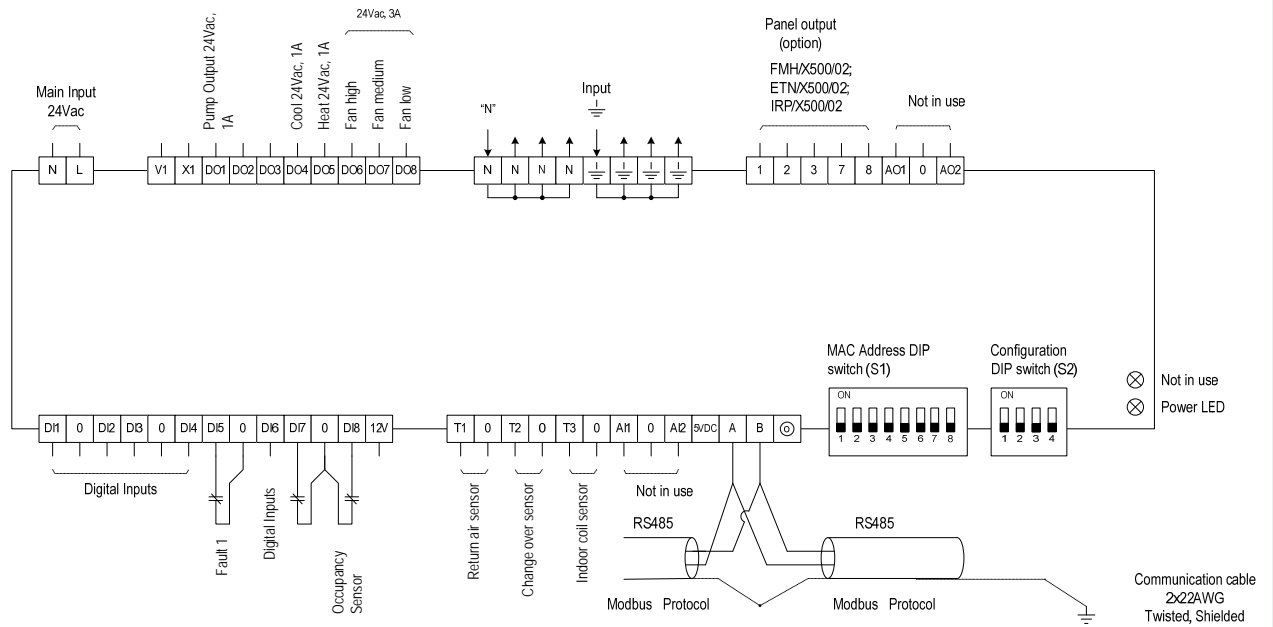
The CTU454-3S-FC-SUPER is factory pre-programmed to save valued time on field programming.

Features

- Main input – 2240VAC
- F/C applications, dip switch selectable:
    - 2-pipe system
    - 4-pipe system
- On/Off outputs for Cool & Heat valves
- T1 sensor – Return Air Sensor
- T2 sensor - Auto-change over sensor
- T3 sensor - Indoor coil sensor for Heat (soft-start)
- Fault (1) input, dry contact, Normally Closed, when open all outputs turn off
- Fault (2) input dry contact, for Occupancy Sensor
- 3 Speeds output- 24VAC, 3Amp each - with Auto Speed function
- Fan Only - selectable
- Occupancy Sensor (12VDC supply) – adjustable 0…3600 sec.
- Fan On/Auto-Fan in Cool or Heat
- Condensing Pump output -24VAC, 1A
- Wall & flush mount panels, or IR panel - option

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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