meitav-tec

CTU-2524-3S-FC-SUPER

Main Controller for Fan Coil in Building Management System (B.M.S.) applications, with RS-485 interface to BACnet protocol

General

The CTU2524-3S-FC-SUPER is a main controller for Fan coil in B.M.S. applications with BACnet Protocol interface. 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 F/C applications and suit it according to customer's needs on the spot.

The CTU25243S-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 CTU2524-3S-FC-SUPER is factory pre-programmed to save valued time on field programming.

Features

- Main input – 24VAC
- 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 – dip switch selectable
- Condensing Pump output -24VAC, 1A
- Wall & flush mount panels, or IR panel - option

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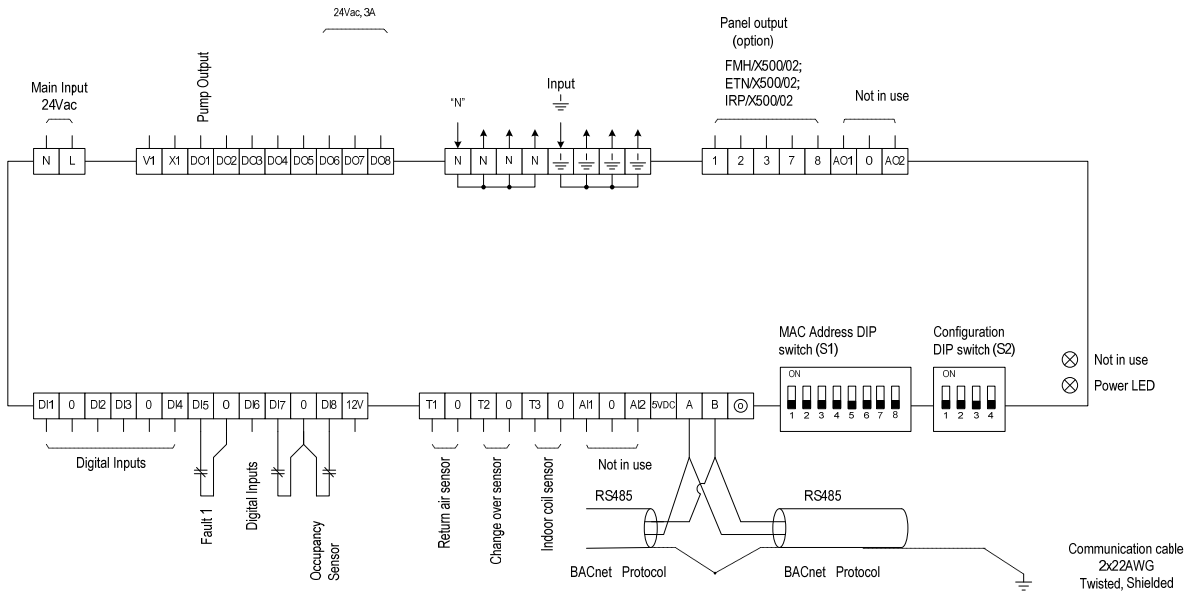
Electrical Diagram



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	FMH - 2500 – Flush Mount panel- Horizontal
ETN-X500	ETN - 2500 – Surface Mount panel
FMT-X500	FMH - 2500 – 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