

CAPACITIVE TOUCH SERIES MODEL

TX1000ME024-V2

TX1000ME024-V2M

TX1000MEO220-V2

TX1000MEO220-V2M



FEATURES

- ◆ Modern touch pad design suitable for offices, hotels and residential buildings.
- ◆ Applicable for 2-pipe fan coil and ECM fan cooling/heating, Modulating
- ◆ 7 Days 6 Periods programmable from thermostat.
- ◆ Sky-blue LCD or black LCD display is optional
- ◆ Special colors casing upon request with RAL number can be provided based on production MOQ
- ◆ Both room temperature and Set-point are displayed.
- ◆ Manual & Automatic fan functions
- ◆ User setting can be kept during power off.
- ◆ Big LCD with English display
- ◆ Temperature unit C&F
- ◆ Regular color available in Black and White body
- ◆ EC motor fan control
- ◆ Fits in 70mmx70mm electrical junction box
- ◆ Real Time clock with infinite life battery backup

APPLICATIONS

- ▶ TX1000 Series is touch pad thermostat with many variants suitable for 2-pipe fan coil and ECM fan cooling or heating. Available in basic standalone and Modbus communicating variants.
- ▶ Options of Sky-blue LCD and black LCD. Fitted with built-in NTC 10K sensor. Several add-on functions like remote sensor, key card can be chosen as per site requirements.

SPECIFICATION

- ◆ Power Supply : 24VAC OR 95-240VAC
 - Frequency: 50~60Hz
- ◆ Function: Cooling/Heating
- ◆ EC motor fan control 0-10VDC
- ◆ Wiring Max: 16AWG
- ◆ Sensing Element: 10K(@25°C) NTC
- ◆ Display Accuracy: 0.5°C, Set-point accuracy: 0.5°C/step
- ◆ Set-point range: 10-32°C(50-90°F) • Display range: 0-50°C
- ◆ Protection Class: IP 20 • Storage Temperature&Humidity : 20~30°C CRH45%~65% Working Temperature&Humidity: 0~50°C, less than RH90% (No condensation)
- ◆ Suitable Valve: 2-line/ 3-line valve.
- ◆ Installed on 70mm x 70mm box

EC Motor Fan Voltage configuration Standard

- ◆ Low speed fan setting range 0.0~10.0V(0.1V per step) Default 3.5V
- ◆ Medium speed fan setting range 0.0~10.0V(0.1V per step) Default 7.0V
- ◆ High speed fan setting range 0.0~10.0V(0.1V per step) Default 10.0V

ORDERING PART NUMBERS

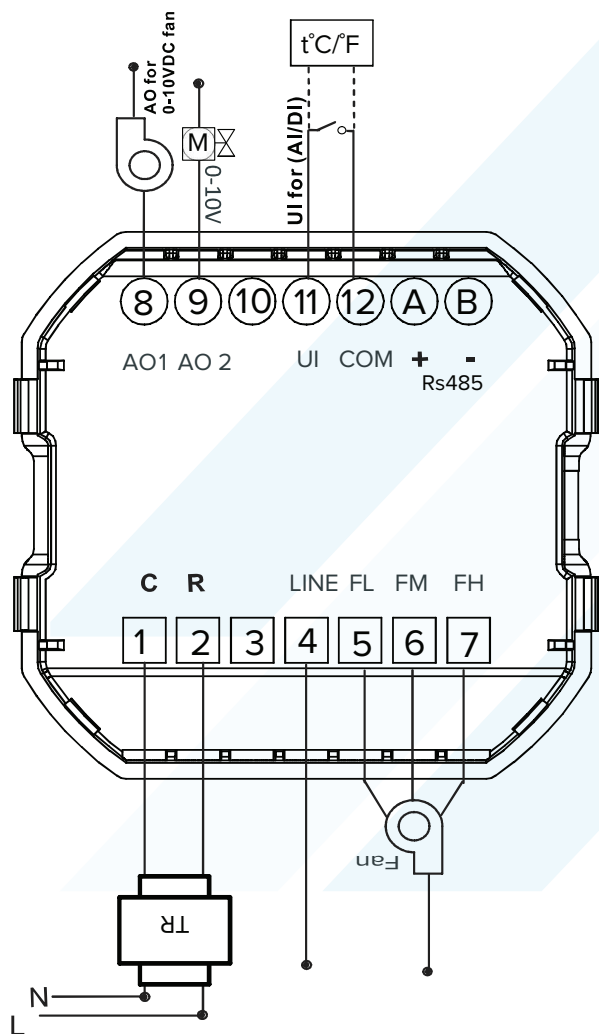
PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS 485	UNIVERSAL INPUT (AI/DI)
TX1000ME024-V2	24VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC	X	✓
TX1000ME024-V2M	24VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC	✓	✓
TX1000MEO220-V2	85-240 VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC/ON-OFF	X	✓
TX1000MEO220-V2M	85-240 VAC	ECM UNIT/ 2-PIPE FCU	0-10VDC/ON-OFF	✓	✓

ABBREVIATION

CASING/COVER COLOR		BACKLIGHT COLOR	
BLACK	B	Sky Blue backlight + Black letters(HTN LCD)	SB
WHITE	W	Black backlight + White letters (VA LCD)	BW

*ordering example TX1000ME024-V2-WSB

WIRING DIAGRAM



NO	TERMINALS	DESCRIPTION
1	C	24V NEUTRAL & COM FOR AO
2	R	24V ACTIVE
3		
4	LINE	LINE FOR FAN
5	FL	LOW SPEED FAN
6	FM	MEDIUM SPEED FAN
7	FH	HIGH SPEED FAN
8	Ao1	0-10VDC OUTPUT FOR ECM FAN
9	Ao2	0-10VDC OUTPUT FOR MODULATING ACTUATOR
10		
11	UI	AI (REMOTE SENSOR)& DI (KEY CARD)
12	COM	COM FOR UI
A	+	RS485 MODBUS
B	-	RS485 MODBUS

TX1000ME024-V2/TX1000ME024-V2M

