

CAPACITIVE TOUCHSCREEN SERIES

MODEL



TX1007ML220-V2

TX1007ML220-V2M

TX1007ML024-V2

TX1007ML024-V2M

FEATURES

- ◆ Modern touch pad design suitable for offices, hotels and residential buildings.
- ◆ Applicable for 2-pipe FCU cooling & heating, modulating.
- ◆ Black LCD and Sky-blue LCD display selectable.
- ◆ Special colors casing upon request with RAL number can be provided
- ◆ Either room temperature or set-point is displayed.
- ◆ Manual & Automatic fan functions
- ◆ User setting can be kept during power off.
- ◆ Fan load 5A resistive and inductive of 3A
- ◆ Big LCD with English display
- ◆ Temperature unit C&F
- ◆ Regular color available in Black and White body
- ◆ EC motor variants available
- ◆ Fits in 75mmx75mm electrical junction box

APPLICATIONS

- ▶ TX1007 series is touch pad thermostat with many variants suitable for EC motor cooling&heating fan coil units and DX single state compressor units. Available in basic standalone and modbus communicating variant.

SPECIFICATION

- ◆ Power Supply : 85-240VAC/24VAC ◆ Frequency: 50~60Hz
- ◆ Function : Cooling / Heating, Modulating 0-10V output
- ◆ Relay Life : 220±10% VAC, 3(5)A, 100,000 times
- ◆ Wiring Max: 16AWG
- ◆ Temperature Sensing Element : 10K (@25°C) NTC
- ◆ Temperature Display Accuracy : 0.5°C
- ◆ Set-point range: 10-32°C(50-90°F) • Display range: 0-50°C
- ◆ Protection Glass : IP 20 ◆ Operation Temperature : -18~49°C
- ◆ Installed on 75mm x 75mm box

ORDERING PART NUMBERS

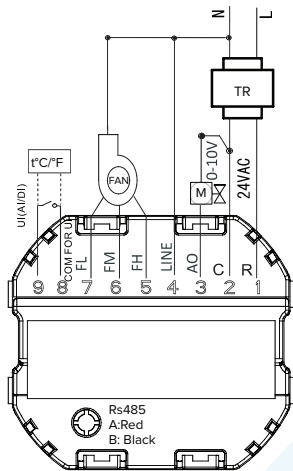
PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS485	UNIVERSAL INPUT(AI/DI)
TX1007ML220-V2	85-240VAC	2-PIPE	ON-OFF VALVE	X	✓
TX1007ML220-V2M	85-240VAC	2-PIPE	ON-OFF VALVE	✓	✓
TX1007ML220-V2	24VAC	2-PIPE	0-10 VDC	X	✓
TX1007ML220-V2M	24VAC	2-PIPE	0-10 VDC	✓	✓

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

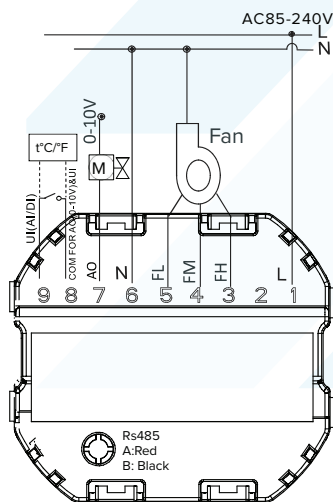
*ordering example TX1007ML220-V2-WSB

WIRING DIAGRAM



TX1007ML024-V2 / TX1007ML024-V2

NO	TERMINALS	DESCRIPTION
1	R	24V ACTIVE
2	C&COM	24V NEUTRAL/COM FOR AO (0-10VDC)
3	AO	ANALOG OUTPUT 0-10 VDC FOR MODULATING ACTUATOR
4	LINE	LINE FOR FAN
5	FH	HIGH SPEED FAN
6	FM	MEDIUM SPEED FAN
7	FL	LOW SPEED FAN
8	COM	COM FOR UI
9	UI	UNIVERSAL INPUT AI(EXTERNAL SENSOR) /DI(KEY CARD)



TX1007ML220-V2 / TX1007ML220-V2

NO	TERMINALS	DESCRIPTION
1	L	LIVE LINE IN
2		
3	FH	HIGH SPEED FAN
4	FM	MEDIUM SPEED FAN
5	FL	LOW SPEED FAN
6	N	NEUTRAL LINE IN
7	AO	ANALOG OUTPUT 0-10 VDC FOR MODULATING ACTUATOR
8	COM	COM FOR AO(0-10VDC) & UI
9	UI	UNIVERSAL INPUT AI(REMOTE SENSOR) /DI(KEY CARD)

Touch makes you Comfortable

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