

DIGITAL BUTTON SERIES MODEL



TX892ML220-V2

TX892ML220-V2M

TX892ML024-V2

TX892ML024-V2M

FEATURES

- ◆ Classic button type design suitable for offices, hotels and residential buildings.
- ◆ Applicable for 2-pipe FCU cooling or heating.
- ◆ Sky-blue LCD display
- ◆ 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

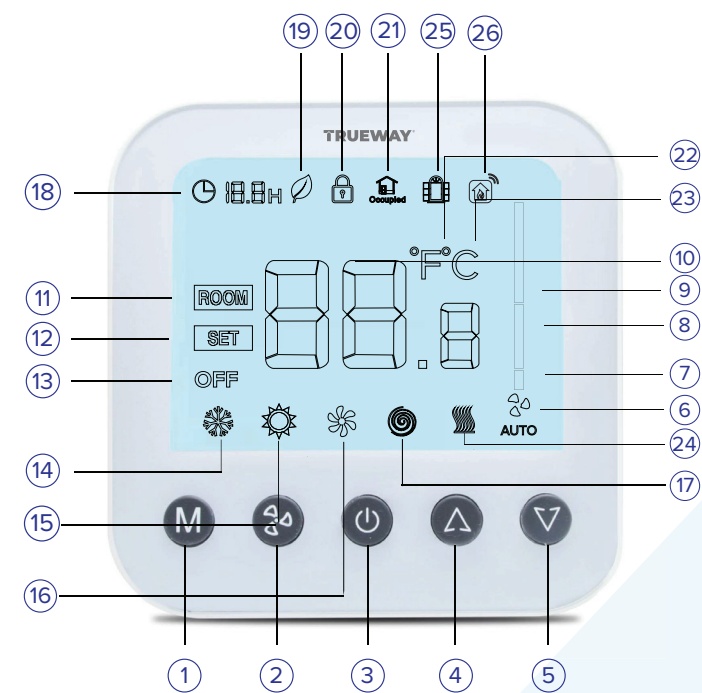
APPLICATIONS

- ▶ TX892 Series is digital button type thermostat with many variants suitable for 2-pipe cooling & heating fan coil units Available in basic standalone and Modbus communicating variants.
- ▶ TN Lcd in sky blue backlight and black letters. Fitted with built-in NTC 10K sensor and optional humidity sensor.

SPECIFICATION

- ◆ Power Supply: 85-240VAC / 24VAC • Frequency: 50~60Hz
- ◆ Function: Cooling/Heating
- ◆ Relay Life: 220±10% VAC, 3(5)A, 100,000 times
- ◆ Wiring Max: 16AWG
- ◆ Sensing Element: 10K(@25°C) NTC
- ◆ Display Accuracy: 1°C, Set-point accuracy: 1°C/step
- ◆ Set-point range: 10-32°C(50-90°F) • Display range: 0-50°C
- ◆ Protection Glass: IP 20 • Operation Temperature: -18~49°C
- ◆ Shipping Temperature: -35~65°C • Suitable System: 2-pipe FCU cooling / heating,
- ◆ Suitable Valve: 2-line/3-line valve • Relative Humidity: 10~90%
- ◆ Installed on 75mm x 75mm box

LCD DISPLAY&BUTTON



- ① MODE BUTTON
- ② FAN BUTTON
- ③ POWER BUTTON
- ④ UP BUTTON
- ⑤ DOWN BUTTON
- ⑥ AUTO FAN
- ⑦ FAN SPEED LOW
- ⑧ FAN SPEED MEDIUM
- ⑨ FAN SPEED HIGH
- ⑩ TEMP. DISPLAY
- ⑪ ROOM TEMP.
- ⑫ SET-POINT

- ⑬ SYSTEM OFF
- ⑭ COOLING MODE
- ⑮ HEATING MODE
- ⑯ VENTILATION MODE
- ⑰ COMPRESSOR FUNCTION DISPLAY
- ⑱ TIME - OFF
- ⑲ ENERGY SAVING MODE
- ⑳ KEYPAD LOCK OUT
- ㉑ KEY CARD FUNCTION DISPLAY
- ㉒ DEGREE FAHRENHEIT
- ㉓ DEGREE CENTIGRADE
- ㉔ HEATING COIL
- ㉕ WINDOW OPEN
- ㉖ FIRE ALARM

ORDERING PART NUMBERS

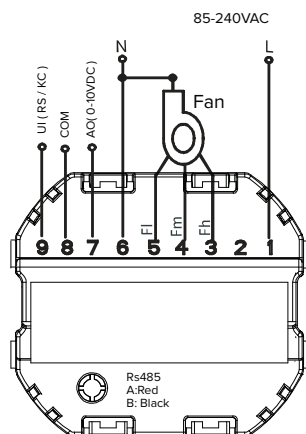
PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS485	UNIVERSAL INPUT(AI/DI)
TX892ML220-V2	85-240VAC	2-PIPE	0-10VDC	X	✓
TX892ML220-V2M	85-240VAC	2-PIPE	0-10VDC	✓	✓
TX892ML024-V2	24VAC	2-PIPE	0-10VDC	X	✓
TX892ML024-V2M	24VAC	2-PIPE	0-10VDC	✓	✓

ABBREVIATION

CASING/COVER COLOR		BACKLIGHT COLOR	
BLACK	B	Sky Blue backlight + Black letters (TNCD)	SB
WHITE	W		

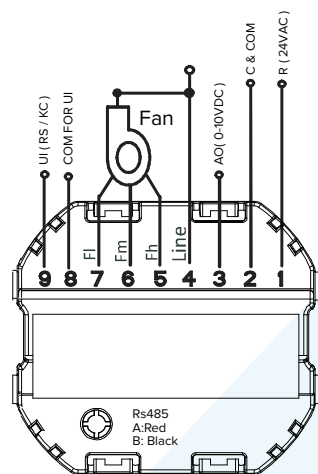
*ordering example TX892ML220-V2-WSB

WIRING DIAGRAM



TX892ML220-V2 / TX892ML220-V2M

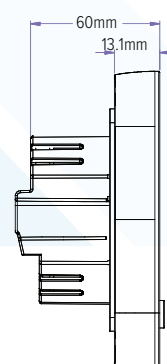
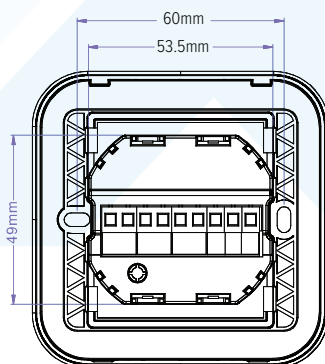
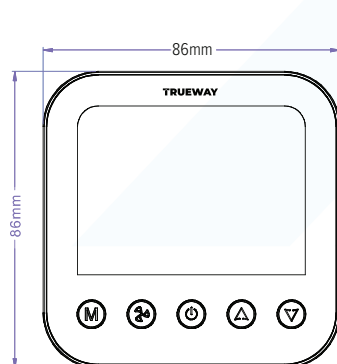
NO	TERMINALS	DESCRIPTION
1	L	LIVE LINE IN
2		
3	FH	HIGH SPEED FAN
4	FM	MEDIUM SPEED FAN
5	FL	LOW SPEED FAN
6	N	NEUTRAL LINE IN
7	AO	ANALOG OUTPUT
8	COM	COM FOR MODULATING VALVE & EXTERNAL SENSOR/ KEY CARD
9	UI	UNIVERSAL INPUT EXTERNAL SENSOR/ KEY CARD



TX892ML024-V2 / TX892ML024-V2M

NO	TERMINALS	DESCRIPTION
1	R	24V ACTIVE
2	C&COM	24V NEUTRAL
3	AO	ANALOG OUTPUT
4	LINE	220V LINE FOR FAN
5	FH	HIGH SPEED FAN
6	FM	MEDIUM SPEED FAN
7	FL	LOW SPEED FAN
8	COM	COM FOR MODULATING VALVE & EXTERNAL SENSOR /KEY CARD
9	UI	UNIVERSAL INPUT EXTERNAL SENSOR/ KEY CARD

PRODUCT DIMENSION



Touch makes you Comfortable

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