TRUEWAY®

Touch makes you comfortable

DIGITAL
BUTTON SERIES
MODEL

| TX892ME024-V2 | TX892ME024-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

◆ Either room temperature or set-point is displayed.

◆ Manual & Automatic fan functions

◆ User setting can be kept during power off.

◆ Fan load 5A resistive

◆ 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

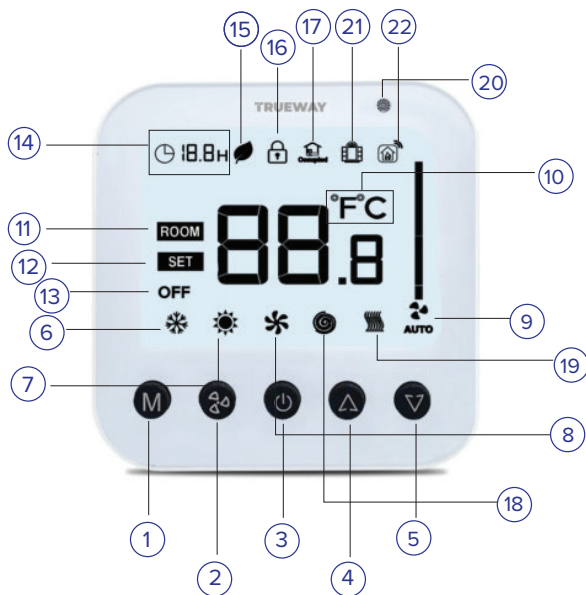## APPLICATIONS

▶ TX892 series is digital button thermostat with many variants suitable for cooling/heating fan coil, ECmotor fan units and DX single state compressor units. Available in basic standalone and modbus communicating variant.

SPECIFICATION

◆ Power Supply: 24VAC • Frequency: 50~60Hz

◆ Function Mode : Cool/Heat/Vent

◆ Control Output: Modulating 0-10VDC

◆ Fan Relay: 3(5)A

◆ Temperature Sensing Element: 10K(@25°C) NTC

◆ Set-point range: 10-32°C(50-90°F) • Setting Unit: 0.5°C/1°F

◆ Display Accuracy: ±0.5°C or1°F • Display range: 0-99°C/°F

◆ Protection Glass: IP 20 • Storage Temperature&Humidity: 20~30°C RH45%~65% Working Temperature&Humidity: 0~50°C, less than RH90% (No condensation)

◆ Installed on 75mm x 75mm box • Wiring Max: 16AWG

LCD DISPLAY&BUTTON

① MODE KEY	⑦ HEATING MODE	
② FAN KEY	⑧ VENTILATION MODE	
③ POWER KEY	⑨ FAN SPEED AUTO,LOW,MEDIUM,HIGH	
④ UP KEY	⑩ TEMPERATURE UNIT C/F	
⑤ DOWN KEY	⑪ ROOM TEMPERATURE	
⑥ COOLING MODE	⑫ SET-POINT	

⑬ THERMOSTAT OFF

⑭ TIMER ON-OFF

⑮ ENERGY SAVING MODE

⑯ KEY PAD LOCK

⑰ HOTEL KEY CARD

⑱ COMPRESSOR (RESERVED FOR MODEL WITH COMPRESSOR)

⑲ AUX HEAT(Reserved for model with AUX HEAT)

⑳ INFRARED SENSOR (Reserved for model with IR)
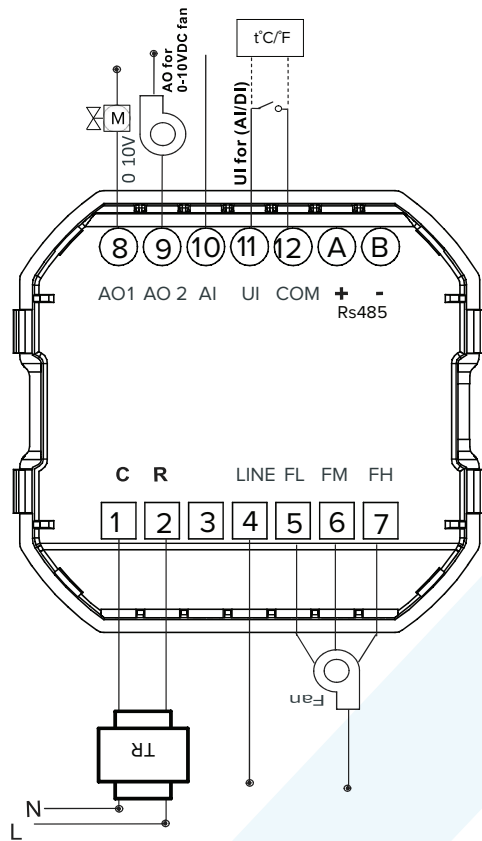
㉑ RESERVED

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ORDERING PART NUMBERS

PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS 485	UNIVERSAL INPUT(AI/DI)
TX892ME024-V2	24VAC	2-PIPE	0-10VDC	✗	✓
TX892ME024-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 TX892ME024-V2-BBW

TRUEWAY®

TX892ME024-V2M

NO	TERMINALS	DESCRIPTION
1	C	24V NEUTRAL
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	A01	0-10VDC ACTUATOR
9	A02	0-10VDC FAN
10	AI	VALVE FEEDBACK
11	UI	AI (REMOTE SENSOR) & DI (KEY CARD)
12	COM	COM FOR UI
13	+	RS-485 MODBUS
14	_	RS-485 MODBUS

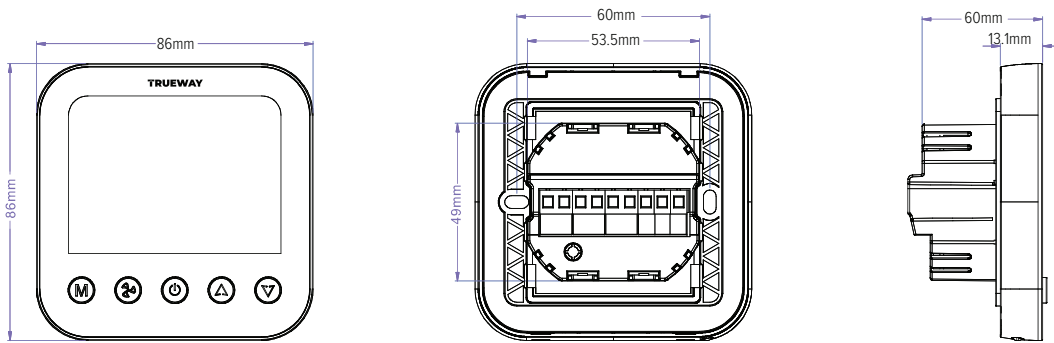The wiring diagram is subjected to change as per product updates without notice.

Note:

1. Please do wiring according to the wiring diagram with technician.

2. If the thermostat was burned by accidently, please don't wiring it again by yourself, try to check it with a professional technician or contact with our manufacturer.

14 TERMINAL POWER BOX

*Wiring is subjected to change without notice based on add-ons.

PRODUCT DIMENSION

86mm
86mm
TRUEWAY

60mm
53.5mm
49mm

60mm
13.1mm

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