



Description

Touchscreen thermostat with backlit display for various HVAC applications

with BACNET and MODBUS interface,

6 D/O, 2 A/O and 2 U/I

Optional configurations:

- Vertical / Horizontal
- Humidity
- CO2
- Lights control Room panel, Flush mounted
- Black / White
- Programmable
- PIR (Occupancy)

Features & Benefits

- Stylish design, large sensitive touch screen display
 - Clear icons for the operation functions
 - Easy configuration with DIP Switches and technician settings procedure
 - Temperature readings from the thermostat or from an External sensor
 - Touch, backlit display with adjustable dimming time and level
 - Flush mount installation with standard GEWISS GW24403 / CARLON B114r boxes or similar
 - Optional extension cable for wall mounting
 - Optional IR receiver for remote control
 - White or Black with optional colored frame
 - °C/°F scale
 - Filter counter and Alarm
 - Freeze protection
 - Economy mode + Sleep mode + Set point limits mode
- I/O list:
- 6 D/O - Maximum 3A each, 5A total
 - 2 A/O - 0-10V
 - 2 U/I - D/I or 0-10V input
 - 2 RS485 terminals (A/B)

MTSC Touch Screen Thermostat Series | General Datasheet

Ordering codes

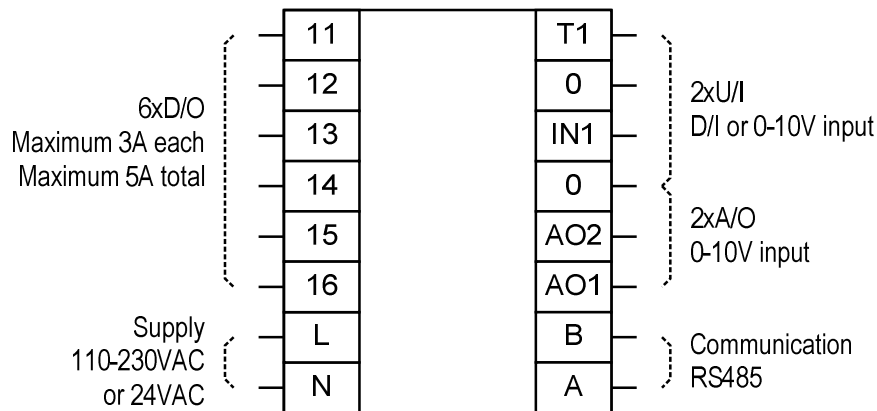
P/N	Description	
MTSC	Horizontal panel, Black, 110-230VAC	
MTSC24	Horizontal panel, Black, 24VAC	
MTSC	Horizontal panel, White, 110-230VAC	
MTSC24	Horizontal panel, White, 24VAC	
MTSC	Horizontal panel, Black, 110-230VAC	
MTSC24	Horizontal panel, Black, 24VAC	
MTSC	Horizontal panel, White, 110-230VAC	
MTSC24	Horizontal panel, White, 24VAC	

Options

- /HU** Includes Humidity sensor
- /CO2** Includes CO2 sensor
- /PROG** Includes Weekly Programs option
- /PIR** Includes PIR occupancy sensor

Note: Not all options available in all models

Wiring diagrams



Technical specifications

- Operating voltage 110-230VAC or 24VAC
- Temp. readings scale 10°C±30°C/50°F±86°F
- Temperature sensor type NTC 50K@25°C/77°F
- Operating temperature 0°C±50°C / 80%RH
- Operating Humidity 32°F±122°F / 80%RH
- Storage temp./Humidity -10°C±60°C / 80%RH 14°F±140°F / 80%RH
- Plastic type PC/ABS
- Flammability UL94V-0
- PIR occupancy sensor H90°/V20°, 5m/16ft
- CO2 sensor 0-5000ppm
- Humidity sensor 5-95%RH

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult the local Meitav-tec office or representative. Meitav-tec shall not be liable for damages resulting from misapplication or misuse of its products.

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Dimensions

