



Description

Touchscreen thermostat with backlit display for various HVAC applications,

6 D/O, 2 A/O and 2 U/I and B.M.S interface over Rs485 wires supporting BACnet & MODBUS

Optional configurations:

Design:

- Vertical / Horizontal
- Black / White
- Flush mounted

Functionality: (Optional)









- Communication
- Humidity
- CO2
- Lights control Room panel
- Programmable
- PIR (Occupancy sensor)
- FAD control

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
 - 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)

MTS Touch Screen Thermostat Series | General Datasheet

Ordering codes

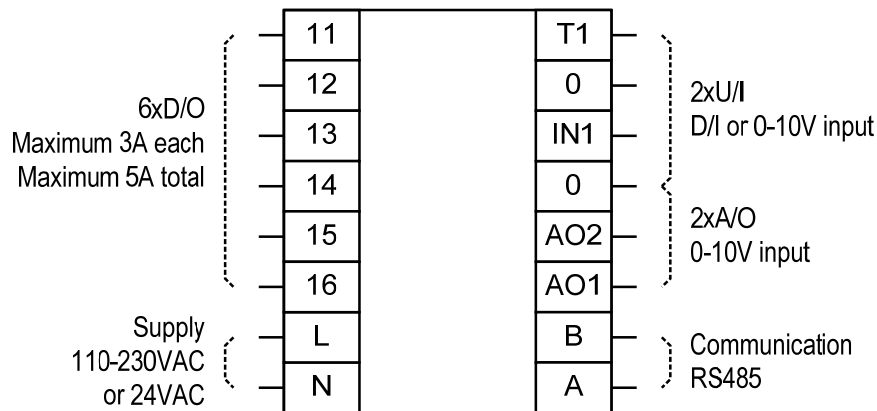
P/N	Description	
MTS/SUPER	Horizontal panel, Black, 110-230VAC	
MTSC/SUPER	Horizontal panel, Black, 110-230VAC, With communication	
MTS24/SUPER	Horizontal panel, Black, 24VAC	
MTSC24/SUPER	Horizontal panel, Black, 24VAC, With communication	
MTSW/SUPER	Horizontal panel, White, 110-230VAC	
MTSCW/SUPER	Horizontal panel, White, 110-230VAC, With communication	
MTSW24/SUPER	Horizontal panel, White, 24VAC	
MTSCW24/SUPER	Horizontal panel, White, 24VAC, With communication	
MTSV/SUPER	Vertical panel, Black, 110-230VAC	
MTSCV/SUPER	Vertical panel, Black, 110-230VAC, With communication	
MTSV24/SUPER	Vertical panel, Black, 24VAC	
MTSCV24/SUPER	Vertical panel, Black, 24VAC, With communication	
MTSVW/SUPER	Vertical panel, White, 110-230VAC	
MTSCVW/SUPER	Vertical panel, White, 110-230VAC, With communication	
MTSVW24/SUPER	Vertical panel, White, 24VAC	
MTSCVW24/SUPER	Vertical panel, White, 24VAC, With communication	

Options

- /HU** Includes Humidity sensor
- /CO2** Includes CO2 sensor
- /PROG** Includes Weekly Programs option and RTC
- /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
