

TP – Comfort management wall panel



ADVANTAGES

- Modern and smart design
- Intuitive management
- Ease of installation and configuration
- Multi-protocol interface: Modbus and BACnet

PRODUCT DETAILS

The Touch Point is a modern comfort management wall panel with two most popular open communication protocols:

Modbus RTU/ASCII and BACnet MS/TP. The Touch Point is available in different configurations of sensors (temperature, CO₂, and humidity), colors, versions with or without display, and touch buttons. The panel can be configured using the iSMA Configurator software or Modbus registers/BACnet objects. It fits most of standard junction boxes in Europe and can easily be installed using a wall back box.

CHARACTERISTICS

- Modern and smart design
- Intuitive management
- Ease of installation and configuration
- Multiprotocol interface
- Ultimate flexibility
- Free software: iSMA Tool & iSMA Configurator
- Five touch function buttons
- RS485 interface
- Modbus RTU/ASCII and BACnet MS/TP
- Temperature sensor as a standard, humidity and CO₂ sensors as an option

- USB type C interface
- DIP switches for configuration
- Buzzer
- Navigation RGB LED

DIMENSIONS

See TP datasheet

ARTICLE NUMBERS

| Item number | description |
|-------------|--|
| On request | Black colour, display and temperature sensor |
| On request | Black colour, display, temperature and CO ₂ sensors |
| On request | Black colour, display, temperature, CO ₂ and humidity sensors |

TECHNICAL CHARACTERISTICS

| DESCRIPTION | |
|---|--|
| Power supply Voltage | 20-34 V DC, 24 V AC \pm 20% |
| Temperature sensor | 10k NTC type, accuracy: \pm 0.5°C, resolution: \pm 0.1°C |
| Humidity sensor (applies to version with humidity sensor) | Range: 0-100% RH, accuracy: \pm 2% RH in range 10-90% RH, resolution: \pm 0.1% |
| CO ₂ sensor (applies to version with CO ₂ sensor) | Range: 400-4000 ppm, accuracy: \pm 30 ppm |
| RS485 interface | Up to 128 devices Half- duplex |
| Communication protocols | Modbus RTU/ ASCII, BACnet MS/TP |
| Ports | 2 RJ45 + screw connector |
| Baud rate | 4800-115200 |
| USB 2.0 | USB type C |
| Surface | Black glass |
| Display (applies to version with display) | TFT 0.96" |
| Backlight | 3 intenisty modes |
| IP rating | IP20 for indoor installation |
| Operating | From 0°C to +40°C |
| Storage | From -40°C to +70°C |
| Relative | From 5% to 95% RH (without condensation) |
| Type | Removable screw terminals |
| Maximum cable size | 1.5 mm ² (24...16 AWG) |
| Material | Plastic, self-extinguishing ABS |
| Mounting | Standard 60 mm wall back box |
| Width | 86 mm/3.39 in |
| Lenght | 86 mm/3.39 in |

| | |
|--------|-----------------|
| Height | 14.5 mm/0.57 in |
|--------|-----------------|