

MINITOUCH (LCDTO-7710-LIGHTT)

Smart thermostat

Remote control
via APP



The Minitouch is a device for the thermal and humidity control of an area equipped with a color touch screen. The Minitouch always shows the temperature and humidity of the area thanks to the sensors it mounts; it is possible to control a radiant system via the output relay or a fan coil via the 0-10V output. It is also possible to configure the Minitouch in "display only" mode, in this case the radiant or the fan coil of the area must be activated via a Compact IO relay module (CIOT).

The Minitouch can work stand-alone as a single-zone thermostat via the touchscreen controls.

Alternatively, the Minitouch can work in a multi-zone system via one of the control units SCIOCENT or SCIOCOMT, or via the TSHT and TSTT control units.

When the Minitouch is used together with a Termogea control unit then it can also be controlled remotely via the "Termogea" APP.

The main functions are listed below.



- Multi-zone functionality: when the Minitouch is used in a system with multiple zones, it is possible to display and change the values of the other zones from each terminal.
- Chronothermostat: when the thermostat is associated with a control unit, then it is possible to carry out weekly programming, up to 5 daily time slots.
- Manual and automatic mode: the thermostat has flexible and convenient manual and automatic operating modes that allow you to easily customize your heating and cooling preferences at any time.
- Child Lock Function: the wall thermostat uses a child lock function to prevent children from accidentally adjusting the temperature.
- LCD Color Screen: the LCD color screen and temperature and humidity sensors provide clear and accurate temperature and humidity readings for optimal room comfort control.
- "Window" function that turns off the heating/cooling of the area when the window is opened.
- "Presence" function that turns off the heating/cooling of the area when the absence of the guest in the area is detected.
- "Bypass" function that allows the water of the system to avoid passing through the fan coil when the fan coil is inactive (energy saving).
- "Minimum Probe" function that allows the fan coil to turn on the fan only when the water passing through it has reached the preset temperature threshold (greater comfort).

TECHNICAL SPECIFICATIONS

Product code	LCDTO-7710-LIGHTT
Power supply	24V c.c.
Measurement range	Pressure: 300...1100hPa Humidity: 0...100% Temperature: -40...85°C
Communication protocol	Modbus RTU (RS485)
Relay output	1 (dry contact)
Analog (0-10V) output	1
Temperature sensor input	PT1000
Climate sensor	T/H sensor (SHT41)
Display	3,2" TFT multi-colour display, capacitive touch screen
Consumption	30mA
Mounting	Wall mounted on standard boxes
Digital inputs	2