

# LARTET

## DC-10TH

### THERMOMETER AND HIGROMETER



100 mm high digits.

Readable from up to 50m

Schedulable power-down and power-up.

Temperature and / or relative humidity visualization

Options:

- Ethernet communication using web server for control and configuration. SNTP client to sync with a time server.
- Alarms with relays.
- Display network through RS-485.

## General characteristics

Power supply	100V a 240V AC 50/60Hz
Box	Thermoformed methacrylate and steel base
Fixing	4 anchor points inside the box
Display	Red leds
Recommended use margin	0°C to 60°C
Maximum use margin	-10°C to 60°C
Protection level	IP41
Battery	NI-MH 3,3V.
Clock deviation	<2s per month
Measures	440 x 240 x 60mm

## Temperature probe characteristics

	Temperature	Humidity
Resolution	0,1°	1%
Precision	±0,5°C typ ±2,5 MAX	±4,5% between 20% and 80%
Warm-up time	20s	4s
Cable length	2 meters	



## Installation

The display is provided with power socket, plugs and screws for mounting to the wall. No specific skills are required for its installation. The time and display settings can be modified using three buttons located on the rear part, accessible once installed.

## Temperature and humidity probe

The probe is lodged in a 20mm diameter support that can be placed inside a metal tube or a clip support. The probe IP protection level is IP65.

## Ethernet option

The option allows to connect to the display using Ethernet knowing only the IP address. Within the display there is a web server that allows us to see the time, the date, the temperature and the humidity. The user can also change the display settings. To access the web server the user must enter the IP address of the clock in the browser URL. This option allows to sync the display with a SNTP server. This allows to create a display network so the displays sync within them. See examples in the user manual.

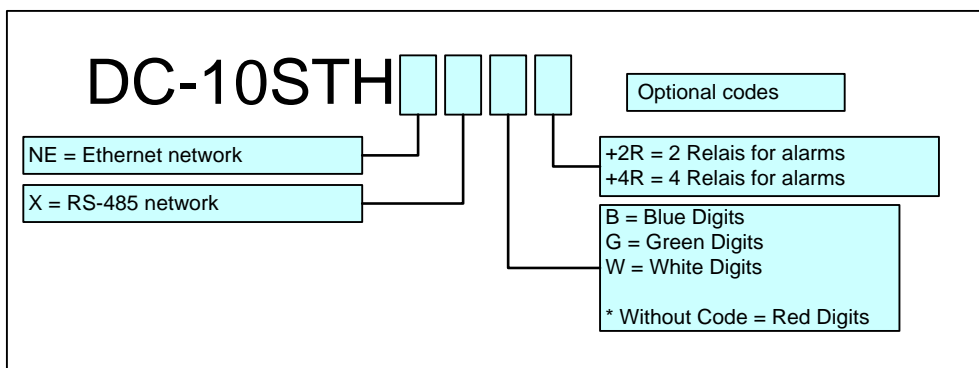
## Relays option

Displays with relay option include 2 or 4 relays with 15 programable alarms for each one. The alarms can be programmed depending on the time, temperature, humidity and the weekday. The alarms are programmed using the display web page. If this option is selected, the Ethernet option must be selected too.

## RS-485 option

Displays with RS-485 option allows the time synchronisation through this bus.

## Reference composition



## EXAMPLES

### DC-10STH

Display from series DC-10STH.

### DC-10STHNE

Display from series DC-10STH, Ethernet connection.



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