DITEL

CLOCK

100 mm high dígits.
    Readable from up to 50m.
    Schedulable power-down and power-up.

Options:
- **GPS time syncronization.**
- **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 to 240V AC 50/60Hz
Box	Aluminum extruded. Front in methacrylate and back in PVC
Fixing	Wall or suspension
Display	Red, green, blue or white leds
Working conditions	-20°C to 60°C
Protection level	IP41
Battery	NI-MH 3,3V.
Clock deviation	<2s per month
Measures	504x177x120mm

GPS characteristics

Antenna	Active antenna with 5m long cable and magnetic fixation
Receiver	GPS L1
Warm-up time	< 1minute

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.

GPS option

The GPS option requires proximity window or facilities with thin roof. There is a parameter in the display menu for evaluating the quality of the received signal.
The antenna has a magnet for fastening ferrous elements and 5m cable

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 and the level of GPS signal (if the display has the option). 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.
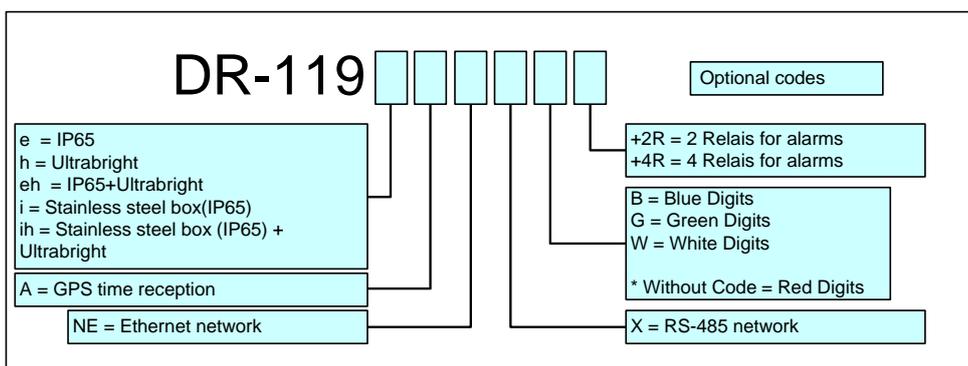
Relays option

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 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


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DR-119 [ ][ ][ ][ ][ ]        Optional codes

e  = IP65
h  = Ultrabright
eh = IP65+Ultrabright                          +2R = 2 Relais for alarms
i  = Stainless steel box(IP65)                 +4R = 4 Relais for alarms
ih = Stainless steel box (IP65) +
Ultrabright                                    B = Blue Digits
                                               G = Green Digits
A = GPS time reception                         W = White Digits

       NE = Ethernet network                   * Without Code = Red Digits

                                               X = RS-485 network
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EXAMPLES

DR-119
Display from series DR-119.

DR-119A
Display from series DR-119, GPS time syncronization