

## DESCRIPTION

Rack version



Wall-mounted version



### Time distribution and programming of relays via DHF and NTP.

- Master clock with programming circuits, control of clock network, relays and sounders, NTP time reference.
- PC based programming software and transfer via USB flash drive or Ethernet network.
- Synchronisation via NTP, or FI 162, DCF 77 ou GPS antennas.
- 3 programming circuits with week mode, holiday or special day mode for the activation of bells and other systems such as heater, air conditioning, lighting, alarms (SEP), access control, etc ...
- Automatic resetting of time distribution after power shortage.
- Clock synchronisation coded time signals:
  - DHF radio
  - Ethernet network.
- Programming through PC based software and data transferring through USB or Ethernet network.
- Automatic summer/winter changeover.
- Relays and sounders control via DHF or Ethernet network.

## STANDARDS

- Applicable standards: EN 60950 - EN 55022 - EN 550024 - EN 301-489-3 - EN 300 -220-3.
- FI/DCF signal standard: NFC 90002.
- IRIG.B/AFNOR standard: NFS 87500A.
- Afnor/DHF standard: NFS 87500C, canal fixe 869,525 MHz to 500mW.

See product page on  
 >> [www.bodet-time.com](http://www.bodet-time.com) <<

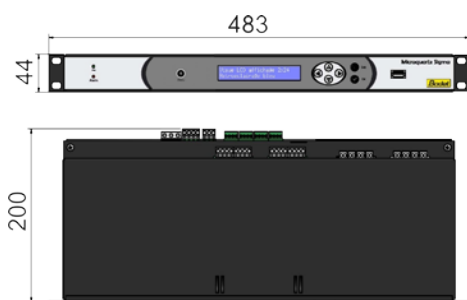
## GENERAL FEATURES

- **LED indicators**..... Power and alarm.
- **Quartz**..... TCXO (temperature compensated crystal oscillator).
- **Typical accuracy**..... ± 0.1 sec/day to 25°C (adjustable time base).
- **Absolute accuracy**..... 5 ms with radio antenna.
- **Backlit LCD display**..... 2 lines of 24 characters each readable at one meter.
- **LCD display**..... Hour - minute - second - date.
- **Saving**..... Permanent saving of programming and time.
- **Access to the programming**..... Protected by access code.
- **Circuits**..... 3 relay circuits, contact rating: 1A / 240V.
- **Protection**..... Outputs protected against short-circuit and overloads.

## MECHANICAL FEATURES

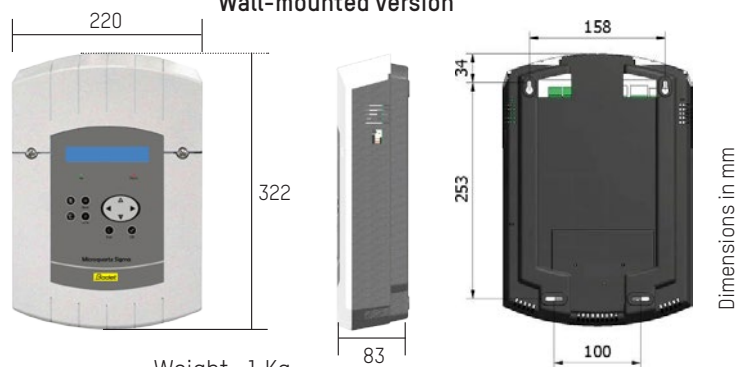
- **Construction**..... ABS casing for wall-mounted or aluminum casing for 19" rack (1U height).
- **Protection index**..... IP 41.
- **Operating temperature range**..... 0° to +50°C.
- **Keypad**..... Sensitive keys.

1U rack version



Weight: 1.4 Kg

Wall-mounted version



Weight : 1 Kg

Wall mounting with 2 screws

Drilling pattern for wall mounting

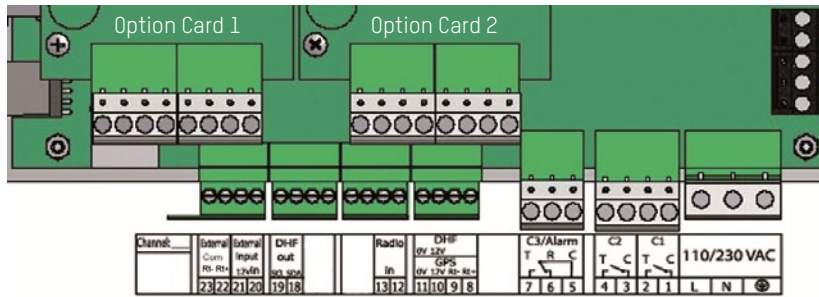
Dimensions in mm

Réf.: 643L71C 01/16

## ELECTRICAL FEATURES

- Power supply..... 110/240V ±10% 50/60Hz, 35W.
- Sigma C inputs/outputs.....
  - 1 DHF output for radio transmitter,
  - 1 external contact input,
  - 1 USB port,
  - 1 IP/NTP input/output (RJ45 socket),
  - 3 relays (alarm output or programmable circuit).
- Option cards (input / output).....
  - Relay card (1 SPDT and 2 SPNO relays),
  - 3 external inputs card.

## WIRING



- The circuits C1, C2 and C3 are used to control heating, air conditioning...
- Terminals 8 to 11, GPS antenna input.
- Terminals 12 and 13, FI 162 or DCF 77 antenna input.
- The DHF output (18-19) with a DHF transmitter controls DHF relays for lighting, heating, ..., DHF sounders (choice of 16 melodies as a standard) and DHF time distribution.
- The contact input (20-21) allows remote control of the C1, C2 or C3 circuit from an external contact.
- The NTP output allows control of slave clocks and is a NTP time reference (time server) for any device connected to the LAN network (computers, BMS, CCTV cameras, Access Control,...).
- SNMP and Sigma system alarms are sent via email to selected addresses (up to 5 addresses).

## REFERENCES

Wall	Rack	
907 461	907 463	Sigma C 110-240VAC
	907 025	FI 162 radio antenna
	907 026	DCF 77 radio antenna
	907 037	GPS antenna
	907 512	DHF transmitter

## OPTIONS

- 907 535..... Relay card (1 SPDT and 2 SPNO relays)
- 907 542..... 3 external inputs card