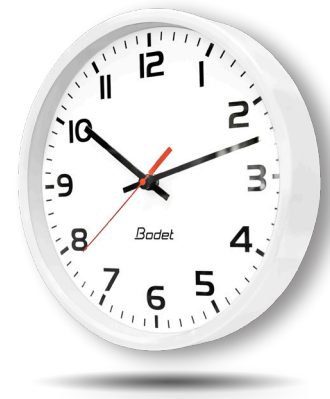


## DESCRIPTION

- Analogue indoor clock.
- Hour-Minute or Hour-Minute-Second display depending on the model.
- Dial markings: Arabic figures, notches or DIN.
- Optimal viewing distance: 20 metres.
- Receiver: 24V second impulse, 24V minute impulse, NTP, AFNOR.
- Optional: wall bracket, thin wall bracket, bracket for single or double-sided mounting on bracket arm (with optional joining ring).

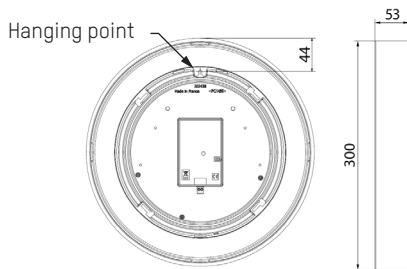






## COMPLIANCE

- Directive EMC 2014/30/EU,
- Directive LVD 2014/35/EU.

## TECHNICAL FEATURES

- **Bezel**..... Stainless steel (white paint RAL9016).
- **Protective glass**..... PMMA.
- **Background**..... PC/ABS.
- **Protection index**..... IP40, IK07.
- **Operating temperature**..... -5° to +50°C.
- **Weight** ..... 1 kg.
- **Dimensions**..... See below.



	Movement	Power supply
	24V second impulse	-
	24V minute impulse	-
	AFNOR	6-24 V $\overline{=}$
	NTP / ETH NTP / ETH silent	Power Over Ethernet Class 0 device, 2W maximum

## MOVEMENTS AND SYNCHRONISATION

### • 24V second impulse:

Slave clocks are connected to a distribution line and activated through electrical impulses sent every second by the master clock.

### • 24V minute impulse:

Slave clocks are connected to a distribution line and activated through electrical impulses sent every minute by the master clock.

### • AFNOR:

The coded time distribution consists in transmitting a complete time message every second: the time on the receiver is automatically and immediately set after connection to the clock line. The AFNOR coded time does not interfere with any other transmissions, and is insensitive to other electrical interferences.

### • Network Time Protocol (NTP / ETH):

Slave clocks are connected to the Ethernet network and powered by PoE (Power over Ethernet). The time is synchronised by the time server or the master clock with the NTP protocol in unicast, multicast or DHCP mode.

### • Network Time Protocol (NTP / ETH) silent:

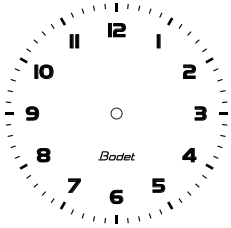
Slave clocks are connected to the Ethernet network and powered by PoE (Power over Ethernet). The time is synchronised by the time server or the master clock with the NTP protocol in unicast, multicast or DHCP mode. The second hand's movement is continuous. The advantage of this clock is its very low noise level (<20dB at 1 metre).

## REFERENCES

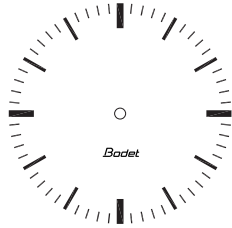
Hour-Minute	Hour-Minute-Second	
-	981 4x7W	24V second impulse
981 5x7W	-	24V minute impulse
982 8x7W	982 9x7W	AFNOR ELV
982 Fx7W	982 Gx7W	NTP / ETH
-	982 Hx7W	NTP / ETH silent

Substitute the «x» by the figure corresponding to the desired dial.

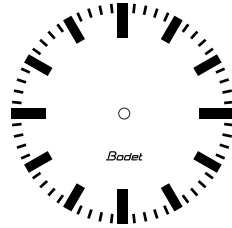
Dial models:



1 = Arabic figures



2 = Notches

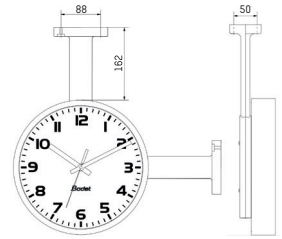


3 = DIN

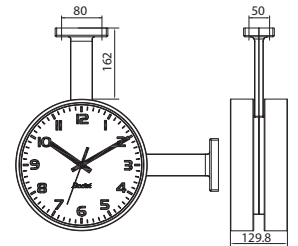
## ACCESSORIES

- 981 001..... Double-sided bracket.
- 981 002..... Short double-sided bracket.
- 981 003..... Thin wall bracket (locking disk).
- 981 006..... Wall bracket (locking disk).
- 981 010..... Single-sided bracket mounting
- 981 013..... Joining ring for double-sided Profil 730 W.
- 938 914..... 230V power supply with screw terminal block for ELV clocks. Power up to 10 clocks maximum.
- 938 916..... 100-240V power supply with mains plug, for ELV clocks. Power up to 10 clocks maximum.

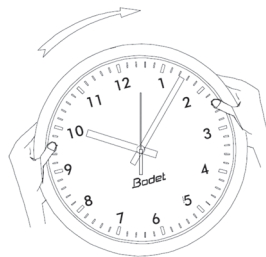
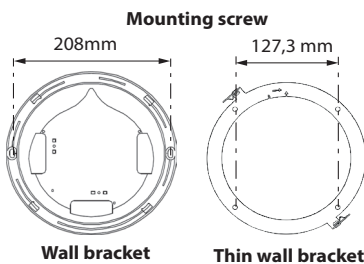
### Single-sided bracket mounting



### Double-sided bracket mounting



### Single-sided wall bracket



Once the bracket (single or double-sided) is installed, turn it clockwise to its final position.

### Double-sided Profil 730 W with joining ring

