



Time management

Synchronising • Distributing • Displaying time

Style 5S OP



MADE IN FRANCE

PRESENTATION

- LED SMD indoor digital clock.
- Hour, minute and second display (HMS).
- Fixed time display, alternating with other information or timer display (with Style timer controller).
- Mainly used in operating theatres in hospitals.
- Recessed wall mounting.
- Available LED colours: red, green.

COMPLIANCE

- Directives: LVD 2014/35/EU, EMC 2014/30/EU.

TECHNICAL FEATURES

General features

- Reading distance..... 30 m.
- Reading angle..... 160°
- Digits.....
 - Height: 5 cm.
 - Design: 7 segments with 3 LEDs each.
- HM separation..... Colon made of LEDs.
- Display.....
 - 12H or 24H mode.
 - With or without 0 for hour, day and month (NTP/ETH model)
 - AM/PM indicator.
 - Timekeeping: Hour/Min/Sec from 0 to 23: 59: 59. Counting/Countdown.
- Alternating display... (the nature of information displayed can vary depending on the model)
 - Date : day/month, month/day, month/year, Year/month, day/month/year, year/month/day.
 - Number: day of the year, week of the year.
 - Temperature: °C.
- Brightness..... 4 levels: 25%, 50%, 75% or 100%.
- Eco mode..... Programmable energy saving or Predefined over a time period. Brightness level can be adjusted in eco mode (NTP/ETH model).
- Time change..... Automatic summer/winter time changeover and perpetual calendar.
- Time base backup.....
 - Independent model: 15 days in case of power failure.
 - Impulse model: in case of power failure, data saving and impulse reception without battery.
 - NTP model: behaviour can be programmed in case of loss of synchronisation after more than 48h.
 - Other models: at each start up, the clock waits for a synchronisation signal.
- Time accuracy..... 0.1 sec /day at 25°C.
- Operation..... Silent.
- Configuration..... 2 touch-screen buttons.

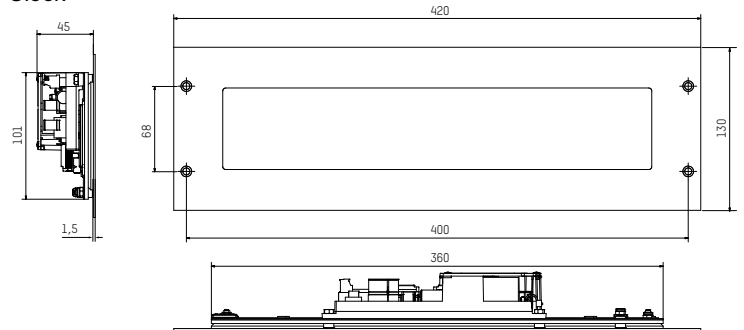


- NTP/ETH model.....
 - Unicast, multicast and DHCP synchronisation.
 - Advanced and intuitive configuration via the embedded the web server.

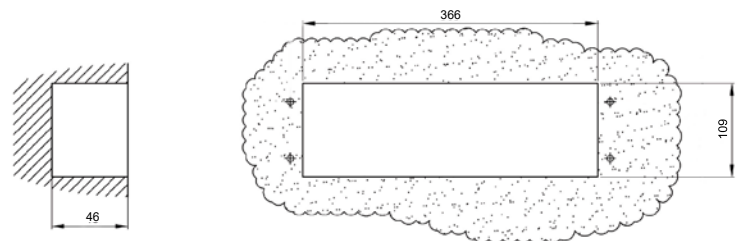
Mechanical features

- Construction..... Casing: stainless steel. Glass: Tempered glass meeting hospital cleaning requirements.
- Protection index..... IP65 (in the front panel when recess mounted and after applying a silicone seal), IK09.
- Operating temperature.... -5°C to +55°C.
- Weight..... 0.99 kg.
- Dimensions..... See hereinafter.

Clock



Recess mounting



Dimensions in mm

Electrical features

- Power supply.....
 - Independent, impulse and AFNOR models: 100-240V~.
 - NTP model: PoE (Power over Ethernet) - Class 0.
- Max consumption 100-240V~, 75-50 mA. NTP model: 4W.
- Electrical protection..... NTP model: Class 3. Other models: Class 2.



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REFERENCES - STYLE 5S OP



Red LED



Green LED

946 311	946 312	Independent model.
946 321	946 322	Impulse model.
946 351	946 352	AFNOR model.
946 371	946 372	NTP/ETH model

Add a "C" at the end of the reference number to include the recess-mounted timer controller.

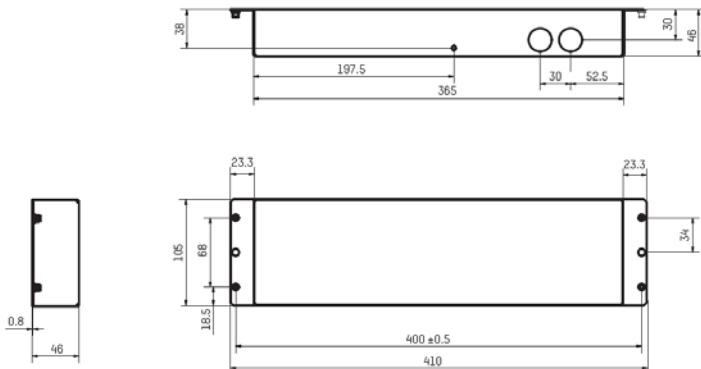
For example: 946 311C: Red LED independent Style 5S OP with recess-mounted timer controller.

ACCESSORIES - STYLE 5S OP

946 012..... Flush mounting back cover.

Back cover for flush mounting is not supplied by default with the clock. Add the reference is necessary when ordering.

Flush mounting back cover



Dimensions in mm



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Style timer controller - recess mounted



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PRESENTATION

- Timer controller used for timing events, speaking time, operating theatres in hospitals...
- Time counting/countdown.
- Selection of display modes via 3 keys (time, counting and countdown).
- Several functions available: Start, Stop, intermediate time, setting the hour stops in counting or countdown mode, reset the timer.
- Timer controller is equipped with a relay activating at the end of counting or countdown. This relay can be used to activate a warning light or buzzer (not supplied).

COMPLIANCE

- Directives: LVD 2014/35/EU, EMC 2014/30/EU.

TECHNICAL FEATURES

General features

- Type of timer..... Hour, Minute and Second (HMS) from 0 to 23: 59: 59.
- Timer controller..... Hermetic with flush keys for easy cleaning.
- Interface.....
 - one key for selecting the time display mode.
 - one key for selecting the counting mode (UP)
 - one key for selecting the countdown mode (DOWN).
 - Three keys (HOUR, MIN and SEC) for setting hours, minutes and seconds in timer mode.
 - a RESET key to reset the timer to zero.
 - A SPLIT key to display the intermediate time during 5 seconds.
 - A START/STOP key: starting or stopping the timer.
- Control..... Up to 10 clocks maximum displaying the same information.

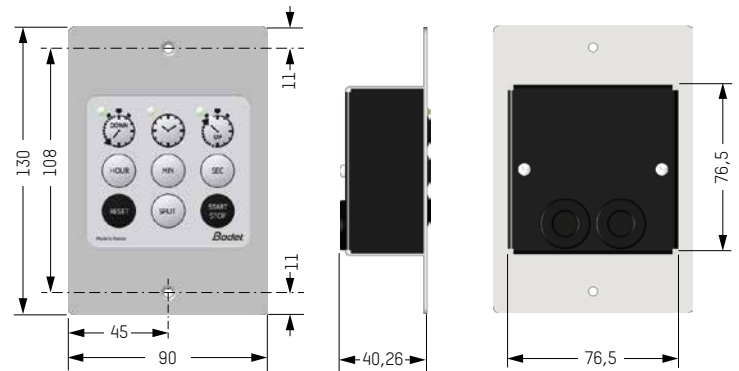
Mechanical features

- Mounting..... Recess mounting (screws not supplied)
- Protection index..... Rear panel IP65, IK03
Timer controller meeting hospital cleaning requirements.
- Operating temperature.... -5°C to +55°C.
- Weight..... 0.190 kg.
- Dimensions..... See opposite.

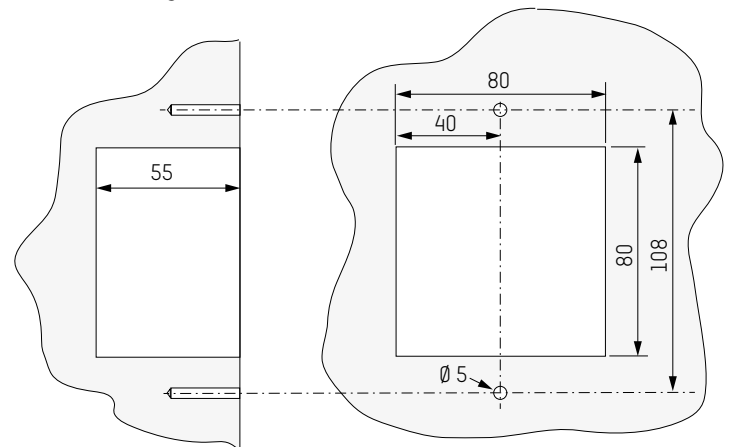


Recess-mounted version

Timer controller



Recess mounting



Dimensions in mm

Electrical features

- Power supply..... 12 V \Rightarrow supplied by the clock.
- Max consumption 30mA.
- Cabling..... To the clock via a 2-pair SYT cable 6/10th with a maximum length of 20 m. A 5-m cable is supplied with the controller.
- Relay (triggering)..... 1A - 250V.