

# STEDDA Standard

## CONNECTED ASTRONOMICAL CLOCK

## PROGRAMMABLE VIA SMARTPHONE



## DESCRIPTION

STEDDA-Standard is a latest-generation clock, radio-controlled and programmable via Android Smartphone (using Bluetooth security).

Its main application is the independent control of secondary networks or festive illuminations and other temporary lighting / systems installed.

STEDDA-Standard modules can be integrated directly by the manufacturers or installed and connected on facades or poles.

It can also be used to replace the module's initial junction box and connect up to four illumination / module patterns or other devices.

The software also offers consultation capabilities (ephemerides, lighting duration calculations, upcoming night instructions).

Access to programming can be secured by PIN code.



## FEATURES AND ADVANTAGES

- Intuitive programming via Smartphone
- Secure forced switching on / off
- Optimized ephemeris algorithm for public lighting
- 1 programmable channel on:
  - 12 annual twilight offset periods  $\pm$  99 minutes
  - 1 weekly daily program (1 cut-off/night)
  - 20 exceptional annual periods (2 cutoffs/night)
- Automatic and configurable summer / winter time change
- Four-digit PIN code locking
- Wide range and low consumption power supply
- No cell or battery back up



## POSSIBLE APPLICATIONS

- Festive lighting
- Secondary public lighting network control
- Traffic lights control (night, weekend, festive or sports event, etc.)
- Light signal control near schools
- Fountains and water jets control
- Sound signal management (schools, companies)

# STEDDA STANDARD



## TECHNICAL SPECIFICATIONS

Power supply	85 to 265 VAC - 50/60 Hz
Consumption	1 typical W or 11 mA @ 230 Vac
Output	1 relay contact with phase switching Max 10 A / 250 Vac cos $\phi$ = 1 / AC-1 2 500 W Max incandescent or halogen lamps
Operating temperature	-20 °C to +75 °C
Time stability	$\pm$ 2 mn typical per year / $\pm$ 5 minutes max. per year (Typical values at +25 °C, max values from -20 °C to +75 °C)
Backup	Date and time: 15-day power off (without cell and battery and after 15 minutes minimum of operation)
Sealing	IP 54 (TOP / BOTTOM mounting direction must be respected during operation and storage)
Communication	Bluetooth (mini 4.0) Integrated antenna / 10 m range in open field
Connection	2 terminal blocks 2 unpluggable points (Terminal block A = power supply, terminal block B = output)
Cable cross-section	0.2 to 2.5 mm <sup>2</sup> 1 x 20 cable gland outer diameter of 8 to 13 mm 4 x 16 cable gland outer diameter of 5 to 9 mm
Insulation	4 kV
Conformity	<div>Class II</div> <div>  </div> <div>  IEC 60950         </div>
Warranty	3 years

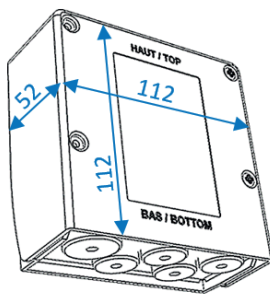
# STEDDA STANDARD

## DIAGRAMS

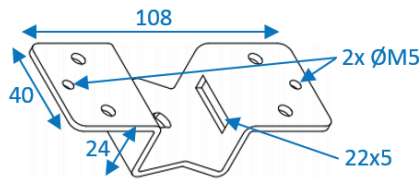


Figure 1: Fitting and connection dimensions

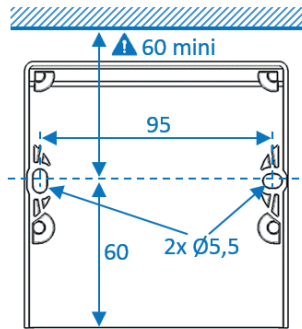
### DIMENSIONS



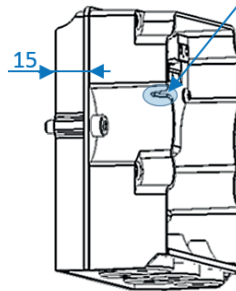
Mounting flange for Pole-fixing  
(LRZ FIXATION):



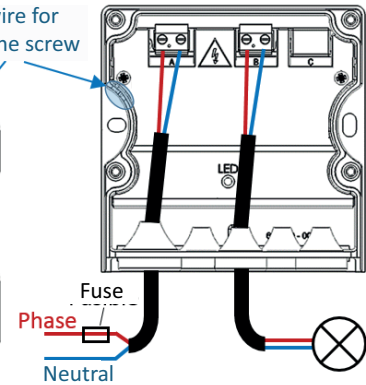
### MOUNTING (mm)



If necessary, insert wire for  
chassis grounding via the screw



### CONNECTION



The TOP / BOTTOM mounting direction must be respected during operation and storage



### ELECTRICAL HAZARDS

Switch off before any intervention by a qualified person.  
A protection device (fuse, circuit breaker, etc.) must be placed prior to the installation



COMETA reserves the right to modify the documentation at any time.

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