



# Control unit



The Tegis control unit is installed in the street lighting cabinet to enable its smart management.

Simple front with communication status and street lighting voltage indicator; override button to facilitate on-site maintenance.

All wiring uses plug-in connectors.

Optimised maintenance with interchangeable fuses for protection against overvoltages and a removable memory card to back up the parameters.

Many inputs/outputs available to allow for the module to be upgraded.

## ADVANTAGES

Adaptable, to simply adopt new functions with a modular approach.

Reduced volume to make it easy to integrate into a cabinet.

Reliability and robustness, validated by nearly 15 years' experience.

## TECHNICAL CHARACTERISTICS

### Mechanical characteristics:

- IP2X protection rating.
- Material: Polycarbonate.
- Plug-in connectors.

### Electrical specifications:

- Operating voltage: 160 V - 265 V<sub>AC</sub> / 50 - 60 Hz.
- Electrical class: Class 2.
- Removable T2A-H-250V fuse.

### Communication:

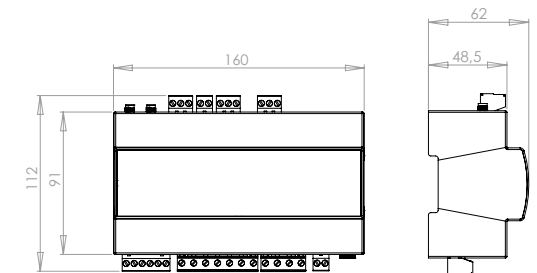
- Integrated GSM/GPRS modem.
- Ethernet connection.

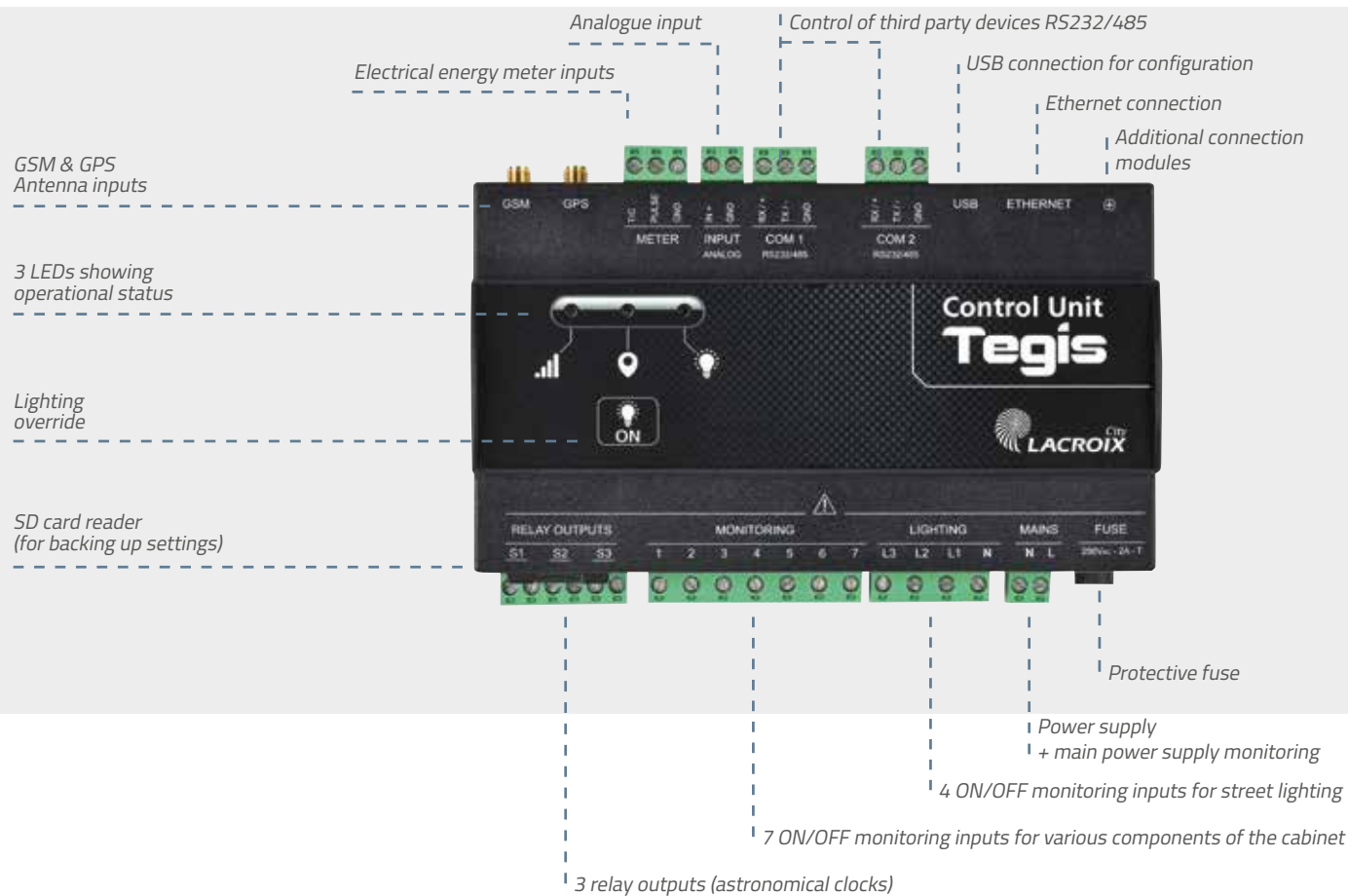
### Installation:

- In cabinet.
- Standard attachment: on 35 DIN rail.
- Operating temperatures: -25°C to +50°C.

### Product standards:

- EN 60950-1.
- EN 61000-2 / 61000-3.
- EN 55032.
- EN 55024.
- EN 301-3 / 301-7 / 301-24 / 301-489 / 301-511 / 301-908.
- EN 300-440.





**THE MAINTENANCE ADVANTAGES**



SD card to back up parameters in the unit and allow for continuity of service in case of breakdown.



Interchangeable protective fuse for Tegis control unit.

**GSM ANTENNA**

Delivered with a vandal proof mushroom GMS antenna, for optimal reception of the GPRS signal. The antenna allows the control unit to synchronise the astronomical clock and makes it possible to configure using the online interface.



**ENVIRONMENTAL PROTECTION**

**Eligible for Energy saving Certificates: RES-EC-107**  
 > 17,500 kWh cumac x N (number of astronomical clocks)  
 Astronomical clock for street lighting.

**Environmentally friendly design product:**

Control unit is 4 times more compact and twice as light as the previous version, reducing the environmental impact of the production at the end of life.  
 Lower consumption: 2.5 W.  
 Compact packaging, made only from cardboard, to facilitate recycling.

