

microBLUE GPS

DIGITAL ASTRONOMICAL PROGRAMMER

microBLUE GPS is a modern street lighting controller with built-in GPS receiver. Programming of the controller is carried out by a smartphone from the mBLUE application.

The microBLUE GPS controller is equipped with GPS receivers with built-in internal antenna. Such solution ensures precise time synchronization and relieves the user of the need for self-adjustment of the clock in the controller. Driver parameters can be changed and programmed from your smartphone or tablet via Bluetooth wireless connectivity. This is facilitated by the user-friendly mBLUE application, which can be downloaded free of charge from Google Play. Thanks to this solution, the communication with the controller mounted in the lighting cabinet takes place remotely, without the need to open it.

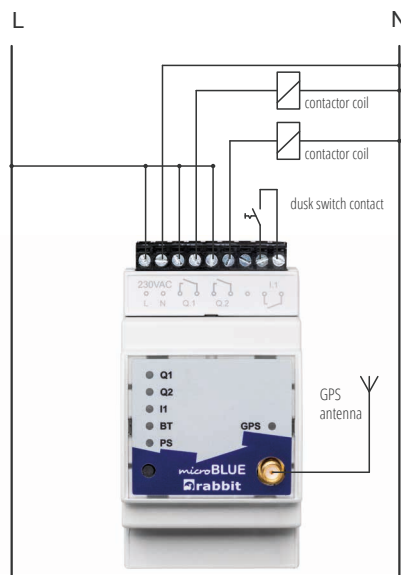
The user can secure access to microBLUE GPS with a PIN code and always find it on the map displayed on the phone.



DEVICE PROPERTIES

- full control via your smartphone or tablet from the mBLUE application.
- simple and intuitive interface of the mBLUE application
- free mBLUE application (to download from Google Play)
- time synchronization according to GPS signal
- communication via Bluetooth 2.0
- access to the controller blocked by a PIN code
- event recording
- automatic change of summer/winter time
- possibility to program up to three night breaks or four activations at fixed hours
- possibility of introducing 365 exceptions to the lighting schedule
- LEDs on the front panel indicating the status of inputs and outputs, status of wireless connection with smartphone or tablet, power status
- automatic location of the controller on the map of the mBLUE application
- cooperation with dusk switch
- lighting operation time counter (separate for each of the control outputs)
- possibility of remote exchange of software and settings
- possibility of remote programming of luminaires with APC-LED system
- possibility of uploading any astronomical table
- the possibility of creating your own astronomical table with the help of the table generator
- in buildings, metal cabinets and places where GPS range is limited, there should be connected an external antenna

WIRING DIAGRAM



TECHNICAL PARAMETERS

- power supply voltage: 230 V +/-10%, 50Hz
- dimensions (w/h/l): 52 x 104 x 62 mm
- device width: 3 modules
- number of outputs: 2 (two independently programmable outputs)
- current-carrying capacity of outputs: 5 A/230 V
- number of inputs: 1 (dusk switch or event recorder)
- operating temperature: from -30°C to +80°C
- degree of protection: IP20
- Installation on the DIN bar