

CPA 6.0

ASTRONOMICAL DIGITAL PROGRAMMER

CPA 6.0 is a controller designed for switching on and off the street lighting, based on geographical coordinates.

The device calculates the hours of sunrise and sunset based on user input geographical coordinates and the date. After installing the driver in a lighting cabinet it is sufficient to validate the date and time, and enter the geographical coordinates and possible amendments. This can be done using backlit buttons found on the front panel, but you can also use the PS5RC wireless remote control.

You can enable the device in the CPA 4.0 controller mode, than the device uses the same table of sunrises and sunsets.

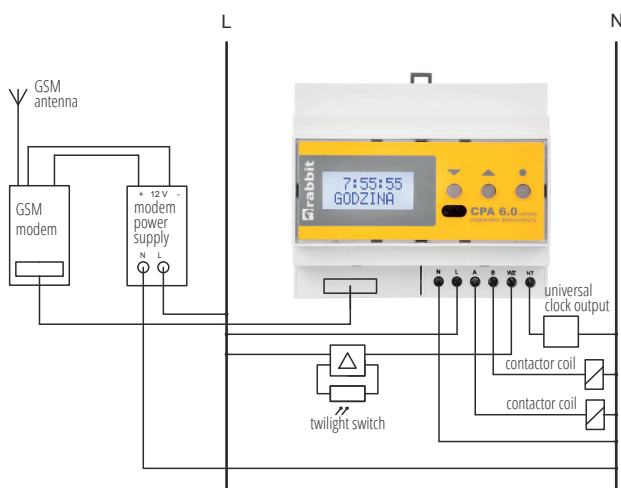
The device can operate with GSM modem, the connection of which to the controller allows to manage lighting through the website. The user can remotely manage the controller or group of controllers, has an image (visualization) of operating states on a map and information on alarms in real time. Thanks to the external modem, the user does not have to make adjust the clock in the controller, as the synchronization of time and date takes place automatically.



FEATURES OF THE DEVICE

- automatic change of summer/winter time
- switches the lighting on and off based on geographical coordinates
- there is a possibility of including a table of sunrises and sunsets identical to the one in CPA 4.0
- programmable night interruption
- ability to block night break e.g. on weekends, on holidays
- easy to read LCD display (two lines of eight characters) and ergonomic, backlit keyboard make it easy to introduce settings
- cooperation with twilight switch
- cooperation with PS5RC remote control
- ability to lock the keyboard and controller settings, using the remote control
- lighting operation time meter (separate for each of the control outputs)
- possibility to cooperate with GSM modem

WIRING DIAGRAM



TECHNICAL SPECIFICATIONS

- supply voltage: 230 V +10/-20%, 50 Hz
- driver size (width / height / depth): 105 x 90 x 60 mm
- width of the device: 6 modules
- number of outputs: 3 (two independent programmable outputs in astronomical mode and one universal)
- outputs current capacity: 8A/230 V
- number of inputs: 1 (twilight switch or event recorder)
- operating temperature: from -30°C to +70°C
- protection degree: IP20
- DIN rail mounting