

APC-LED / APC-LED DALI

AUTONOMI TIME RELAYS

APC-LED 1-10 V and APC-LED DALI are microprocessor-based time relays intended to control the power of a single LED luminaire of the street lighting.

A unique feature of the system is the ability to identify a current time based on the history of on/off switching cycles. The time of commencement of a full or partial power reduction and duration thereof are set at 30 min intervals. Switching in luminaires supplied from a single power line occurs simultaneously with a one-second accuracy.

APC-LED 1-10 V is designed to control LED power supplies with built-in light intensity reduction circuit, 1~10 V dc interface, PWM signal filling change or resistance.

APC-LED DALI is designed to control LED power supplies with a built-in light reduction system, DALI standard interface.

Relays allow for a temporary reduction of a luminous flux in LED luminaires of various types. The system has two time intervals pre-programmed, in which the luminous flux intensity is reduced on two different levels. A user may program the system so to change the scope of both time intervals as well as the reduction level. Programming shall comprise usage of an appropriate sequence of power supply on/off cycles.

APC-LED 1-10 V and APC-LED DALI may be programmed via a CPAnet system, a midiBLUE system or a microBLUE controller.



APC-LED in a housing adapted to NEMA connector

PROPERTIES

- lack of control line
- lack of clock and internal battery
- changeable settings in all luminaires simultaneously
- signaling of an operating state for maintenance purposes
- possibility to program the relay via CPAnet and midiBLUE systems as well as a microBLUE controller
- maintenance-free and easy-to-install device

TECHNICAL PARAMETERS

- power supply voltage: 230 V +5/-15%, 50Hz
- dimensions of the device (H / D): 95 x Ø 35 mm, (installation inside the LED luminaire)
- dimensions of the device in NEMA housing (H / D): 50 x Ø 84 mm, (installation inside the LED luminaire)
- number of outputs: APC-LED 1-10 V – 1, APC-LED DALI – DALI standard
- power consumption 0,5 W
- operating temperature: from -30°C to +80°C
- degree of protection: IP20

microBLUE



midiBLUE



CPAnet

