APC–LED

SELF-POWERED TIMING RELAY

APC-LED is a microprocessor-based time relay designed to control the power of a single LED street luminaire.

A unique feature of the system is the ability todetermine the current time based on the history of switching on and off. The start time of full or partial reduction of power and its duration are set with an accuracy of 30 minutes. Switching in luminaires supplied from a single line takes place simultaneously with second precision. APC-LED is designed for control LED power supplies with integrated intensity reduction system (1 ~ 10 Vdc interface is used, changing fulfilment of PWM signal or resistance).

APC-LED allows a temporary reduction in light stream output of different types LED luminaires. The system has two pre-programmed time intervals, which light output on two different levels is reduced. The user can reprogram the system so that it will change both the scope of both time intervals and the level of reduction. Programming is based on the use of an appropriate sequence of switching the power on and off.

APC-LED PROG is used to program and reprogram the APC-LED power reducing devices integrated in lighting fixtures. It enables to easily and simultaneously change the settings of all fixtures supplied from a single circuit which are fitted with APC-LED devices.

APC-LED may also be programmed via the CPAnet system.

APC-LED PROG

FEATURES OF THE DEVICE

- no external control line
- no clock, no built-in battery
- supports simultaneous change of settings in all fixtures
- status indication for maintenance-related purposes
- relay programmable from APC-2 PROG or CPAnet controller
- maintenance free and easy to install

TECHNICAL PARAMETERS OF APC-LED

- supply voltage: 230 V +5/-15%, 50 Hz
- driver size (height / diameter): 95 x Ø 35 mm
- number of outputs: 1 changeover
- power consumption 0.5 W
- operating temperature: from –30°C to +80°C
- protection degree: IP20

TECHNICAL PARAMETERS OF APC-LED PROG

- supply voltage: 230 V +10/–20%, 50 Hz
- driver size (width / height / depth): 52 x 90 x 58 mm
- width of the device: 3 modules
- number of outputs: 1
- outputs current capacity: 6 A/230 V
- operating temperature: from -20°C to +50°C
- protection degree: IP20
- DIN rail mounting