



Description

The SLC-RC Switch is a DIN rail mounted street light controller. Which is mounted in the control cabinet instead of a ring control. The integrated Cellular connection enables synchronization of current measurement data from the esave SL-Control application. Its three integrated relays receive control instructions from this measurement data to change their output state accordingly. Cloud connectivity allows the SLC-RC Switch to be remotely controlled and configured.

In addition, a smart meter can be connected to the SLC-RC switch to display, monitor and report the energy consumption.

Benefits

- Replacement for Ring Controller for on-site and/or remote control of connected street luminaires by esave SL-Control
- Smart meter integration for energy monitoring
- Integrated SIM card and GNSS receiver
- Three potential-free relay contacts

Features



Mesh Network

The Communication is ensured via an automatic, organizing 2.4 GHz mesh network. Each street light communicates with all luminaires which can be reached.



Remote Management

The Light Management Platform provides real-time and historical data of the entire lighting network. It allows the remote management and control of all connected lighting points using the cloud.



On-Site Management

The intuitive, easy-to-use configuration tool allows the on-site configuration of all parameters (i.e. dimming level etc.) for either a individual or a group of luminaires



AstroDim

AstroDim provides the accurate sunrise and sunset timing of the very location as a basis for the definition of the light control profiles.



Automatic Positioning

Provision of precise geolocation data with the built-in GNSS receiver for the automatic location and commissioning of every street light.



Built-In GNSS

The GNSS receiver provides precise, geo-located date/time data, enabling the accurate and automatic control of the lighting behavior.



Cellular Connection

Each street light can be direct controlled over a web-interface and by using the cloud network. The following worldwide protocols are supported: LTE Cat M1, NB-IoT NB2, EGPRS.



Built-In Relays

The SLC-RC Switch has access to the measured data of other devices thanks to the cloud. With its three integrated relay outputs it can react on this data immediately and control connected devices.



Smart Meter

The data of a Smart Meter can be read and transferred to the Light Management Platform to optimize the energy consumption of the entire system.

