PHILIPS

Lighting

Philips Group Cabinet Control enables customers to manage their lighting installation and energy usage. A retrofittable modular solution enabling decision-making with insights

Group Cabinet Control

Philips Group Cabinet Control enables remote grouping, monitoring, and controlling of diverse outdoor luminaires. Customers can control their lighting installations, through a retrofitted modular cabinet solution at the electrical cabinet. Supports optimized energy consumption and manages KPIs better. The solution autonomously executes complex tasks based on the configurations. The Controller can automatically switch between different available communications carriers to provide stable and reliable communications to Interact application(s).

Group Cabinet Control

Benefits

- A modular solution which can be retrofitted at the existing electrical cabinet
- Customer controlled connected cabinet and lighting installation
- Can be hosted on-premise or in cloud

Features

- Central switching (on/off) of a whole group of lighting points
- Under/over voltage supply detection
- Cabinet door ‘open’ detection
- Mains power failure alarm
- Includes centralized switching from either a central schedule astro-clock, a photocell or an external trigger signal.
- Flexible to connect with any compatible RS485 energy meter
- Scalable across 2G (GPRS)/3G/4G and Ethernet connectivity
- Built in GPS for accurate positioning (Gen. 3 onwards)
- Future-proof, upgradeable system
- Wide operating voltage range from 120-277V makes the controller to be used in wide geographical locations.

Application

- Road and Street
- Arena and Sports
- Tunnel

Warnings and Safety

- Refer to Documentation portal for all technical documents (https://www.partner.portal.signify.com/)
- Check the local LTE band applicable before placing an order for the controller
- No UL certification in Gen3 controller and modules
- Update forecast for Gen3 in Koolog tool to ensure on-time delivery for projects

Versions

Coded Mains Receiver Adaptor

Coded Mains Receiver LN

Coded Mains Transmitter

Coded Mains Transformer LL

Versions

Coded Mains Transformer LN

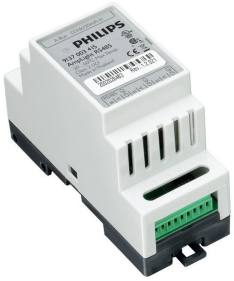
LFC7590 Surge Guard

LCU7591 Leak Coil

LFC7510 Current

LFC7530 Battery

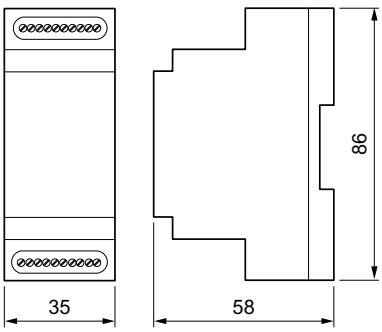
LFC7520 Switch

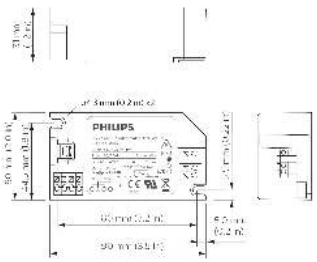


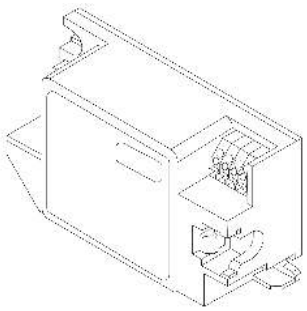
LFC7550 RS485

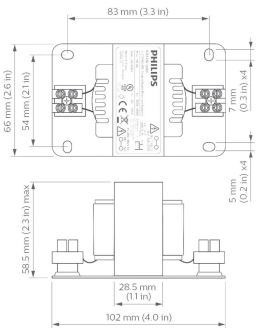
LCU7590 3 Phase Coil

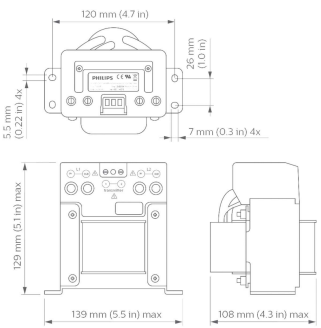
Dimensional drawing











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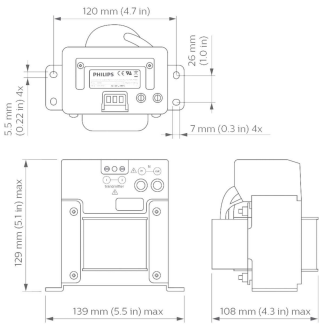

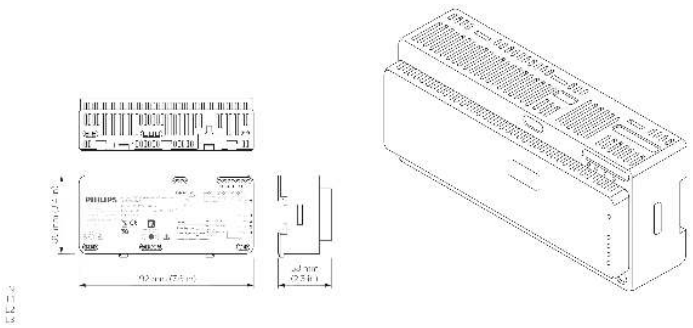

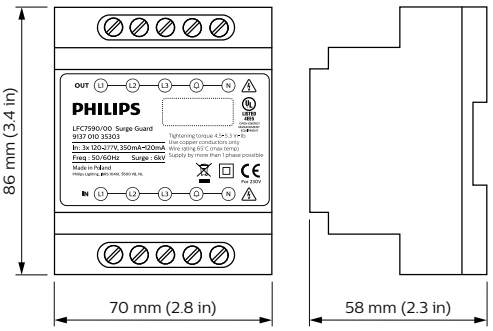

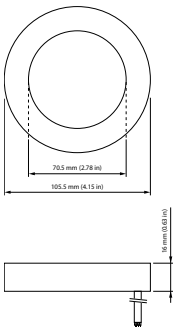

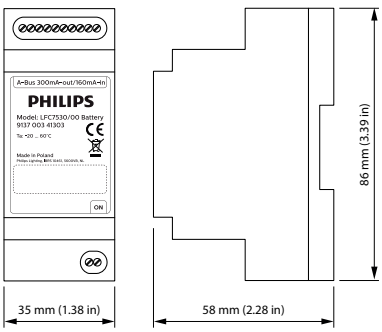

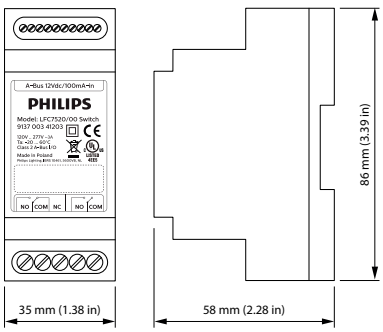

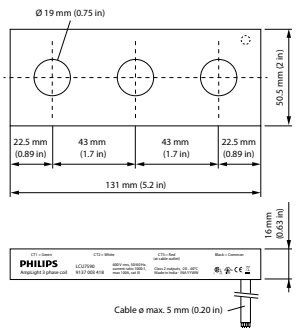

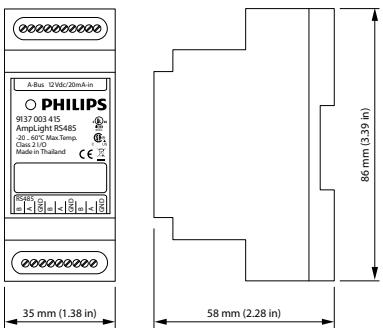

Group Cabinet Control

Product details

Coded Mains Receiver LN

Coded Mains Transmitter

LFC7590/00 Surge Guard front