



Syra E 10V

Cod.61457



Syra E 10V is the module that connected to lamps with max power 250W and equipped with standard 1-10V electronic dimming ballast allows the dimming of the lamp power. It is installed inside the lighting body.

The 1-10V standard concerns the sending of the dimming commands to the lamp using a proper line command, different from the power line.

Syra E 10V communicating with the cabinet

through power line allows the followings functions:

- the interface with the electronic ballast in order to send the dimming and on/off commands to the lamp
- the detection of anomalies and signals coming from the lamp
- the control of lamp parameters and measurements.

Features

- Communication over power supply line by Power-line technology (PLC)
- Detection and signaling of the lamp working status:
 - lamp on and correctly working with full power supply
 - lamp on and correctly working with reduced power supply
 - lamp anomaly caused by faulty, absent or insufficient capacitor
 - low power supply lamp anomaly
 - disconnected lamp anomaly (load absent downstream the SYRA E)
 - flashing or exhausting lamp anomaly
 - broken fuse anomaly or answer absence from the SYRA E
- Command of:
 - lamp on at full power level
 - lamp on at reduced power level with management of 16 dimming levels with step value 0,5v
 - lamp off
- Chance to manage 1.023 SYRA over a unique line
- Collection and change of the status and programming parameters directly from the cabinet
- Installation inside the lighting body (thermal test suggested)

Technical Features

Working voltage

230 V~ +/- 10%

Absorbed power during stand-by phase

1,3W

Ballast

230V~ ± 10% 50Hz– 60Hz; max 250W

Temperature in the working environment (ta)

(U = 230V ; I = 3A) - 25 ÷ + 65 °C, @ 90 % max U.R.

Temperature limit (• tc)

+ 70° C

Box features

natural nylon PA 66 blue color

Electrical Insulation degree

Class II (double insulation)

Protection degree

IP65, IP20 on the connectors

Dimensions

52 x 98 x 45 mm

Weight

400 gr