



## SYRA 2S

Cod.61451

**Syra 2S** is the module capable of making diagnosis and ON/OFF commands to control the lamp. It is installed in the post slot. Power line communication through 1.024 protocol.

**SYRA 2S** can be coupled with powered lamp from 20 to 250W and can control the following lamp types:

- high pressure sodium
- low pressure sodium ("SBP")
- mercury vapours lamps
- metal iodides lamps

The power of the controlled lamp is defined during the programming phase and can be modified ON-LINE.

**SYRA 2S** coupled with each lamp plays the following command functions:

- lamp working status control
- on/off lamp command
- ignitor automatic switching off (optional)

**SYRA 2S** is equipped with a command bi-stable relay able to record the last registered valid status.

## Functions

- Power line communication technology
- Detection and signaling of the lamp working status:
  - lamp on and properly working at full power
  - anomaly lamp with faulty, missing or insufficient capacitor
  - low lamp voltage anomaly
  - interrupted lamp or faulty ignitor anomaly
  - disconnected lamp anomaly (load absence downstream the SYRA 2S )
  - flashing or exhausting lamp anomaly
  - broken fuse or missing answer by SYRA 2S
- Command of:
  - lamp switching on
  - lamp switching off
  - ignitor automatic switching off
- Chance to manage 1.022 SYRA over a unique line
- Collection and modification of the status and programming parameters directly from the cabinet
- Installation inside the lighting body slot in series on the power supplying line downstream the fuse
- Connection through FG7OR-NPI 2 x 2,5 cables, 40 cm length

## Technical features

<b>Working voltage</b> 230 V~ +/- 10%	<b>Absorbed power in stand-by phase</b> 1,3W
<b>Max current provided</b> 4 A	<b>Outdoor user active power</b> 20W min. – 250W max.
<b>Surge protection by varistor and PTC</b> 400 V	<b>Working environment temperature (ta)</b> - 25 ÷ + 65 °C, @ 90 % max U.R.
<b>Temperature limit ( • tc )</b> + 70° C	<b>Box features</b> Natural nylon PA 66 blue colour
<b>Electrical Insulation degree</b> Class II (double insulation)	<b>Protection degree</b> IP65
<b>Dimensions</b> 50 x 101 x 36 mm	<b>Weight</b> 470 gr

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The specifications can be subjected to modifications without notice

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