



SYRA 2S PT

Cod.61459

Syra 2S PT 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 PT 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 PT coupled with each lamp plays the following command functions:

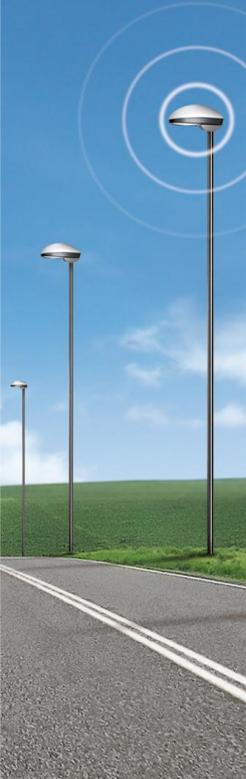
- lamp working status control
- on/off lamp command
- ignitor automatic switching off (optional)

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

It's possible to connect an open NC collector contact to the auxiliary input, which can be controlled by the supervisor as a local alarm signal.

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 pt)
 - flashing or exhausting lamp anomaly
 - broken fuse or missing answer by syra 2s pt
- 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.
- External alarm control through a NC open collector contact



Technical features

Working voltage
230 V~ +/- 10%

Absorbed power in stand-by phase
1,5W

Max current provided
4 A

Outdoor user active power
20W min. – 250W max.

Surge protection by varistor and PTC
400 V

Working environment temperature (ta)
- 25 ÷ + 65 °C, @ 90 % max U.R.

Temperature limit (• tc)
+ 70° C

Box features
Natural nylon PA 66 blue colour

Electrical Insulation degree
Class II (double insulation)

Protection degree
IP65

Additional Input
NC open collector contact

Dimensions
50 x 101 x 36 mm

Weight
473 gr