



SYRA 2S PT 400

Cod.61462

Syra 2S PT 400 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 400 can be coupled with powered lamp from 250 to 400W and can control the following lamp types:

- High pressure sodium
- Low pressure sodium ("SBP")
- Mercury vapours lamps
- Metal iodides lamps
- LED

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

SYRA 2S PT 400 coupled with each lamp plays the following command functions:

- Lamp working status control
- ON/OFF lamp command
- Igniter automatic switching off (optional)

SYRA 2S PT 400 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.

Main features

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 igniter anomaly
- No connected 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
- Igniter 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 contact

Technical features

Working voltage
230 V~ +/- 10%

Absorbed power in stand-by phase
0,5W

Max current provided
4 A

Outdoor user active power
250W min. – 400W 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

Protection degree
IP65

Dimensions
50 x 101 x 36 mm

Weight
473 gr

Additional Input
NC contact