



SYRA IS 400

Cod.61453



Syra IS 400 is the module capable of making diagnosis and ON/OFF command to control the lamp. It is installed underground. Power line communication through 1.024 protocol.

SYRA IS 400 can be coupled with powered lamp from 250 to 400 W and can control the following types of lamp:

- 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 IS 400 coupled with each lamp play the following command functions:

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

SYRA IS 400 is equipped with a command bi-stable relay able to record the last registered valid status.

Main features

Power line communication technology.

Detection and signaling of the lamp working status:

- Lamp on and properly working
- Anomaly lamp with faulty, missing or insufficient capacitor
- Low power lamp anomaly
- Interrupted lamp or faulty igniter anomaly
- No connected lamp anomaly (load absence downstream the SYRA IS)
- Flashing or exhausting lamp anomaly
- Broken fuse or missing answer by SYRA IS

Command of:

- Lamp switching on
- Lamp switching off
- Igniter automatic switching off

- Control and management of 1.022 SYRA over a unique line

- Collection and modification of the status and programming parameters directly from the cabinet

- Underground installation at the bottom of the pole in series on the power supplied line, downstream the fuse.

- Connection through FG7OR-NPI 2 x 2,5 cables, 30 cm length.



Technical features

Working voltage
230 V~ +/- 10%

Absorbed power in stand-by phase
1,3W

Max current provided
4 A

Outdoor user active power
250 W min. – 400 W 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
Resistant to shocks and chemical materials

Insulation degree
Class II

Protection level
IP67

Dimensions
94 x 116 x 57 mm

Weight
1.000