LA SEMAFORICA

KIT GARAGE

Management of alternate one-way streets, access and parking

The **LS3** traffic light controller in Alternate one-way/Garage configuration can control two groups of lanterns with two red/green lights for the management of sections of roadway to be regulated as alternating one-way, entrances to car parks, garages and all those situations where it is necessary to alternate the vehicular flow.

The **LS3** traffic light controller is a microprocessor controlled system with 4 lamp outputs and 2 programmable digital inputs.

It is equipped with a double-digit 7-segments display to indicate the set time and remaining time. The 4 outputs are voltage controlled and in the event of a fault the display shows an alarm.

LS3 is built exclusively with solid state components in accordance with all CE directives, it complies with sector regulations, in particular with CEI 214-9 relating to traffic light systems with specific laboratory tests.

TECHNICAL CHARACTERISTICS

- Single board structure for easy maintenance
- 4 lamp outputs, all voltage controlled
- 2 programmable digital inputs
- 1 RS232 serial port
- Fully programmable ON-SITE
- Maximum load for lamp output 800W
- Painted metal containment box with measures 20x30x40cm rated IP55

In order to offer the best possible service, La Semaforica reserves the right to modify at any moment and without any warning the features of the products described in this document. This document has the only purpose of illustrating the products. If you need detailed technical data, please do not hesitate to contact us.

Automated

Vehicle flows are managed with fixed timings without considering the presence of vehicles.

Actuated

Its operation, fully actuated, consists of keeping the two red lights on and then turning green to one or the other direction based on vehicle detection.

The system requires the use of n. 2 presence radars (RLV/PARK), or alternatively a dual-channel inductive detector combined with the installation of 2 inductive loops.

Semi-actuated

By keeping the second input constantly closed it is possible to obtain a semi-actuated operation where green is always on in direction 2 to switch to green in direction 1 following the presence of vehicles on side 1.

The system requires the use of n. 1 presence radar (RLV/PARK), or alternatively a single-channel inductive detector combined with the installation of an inductive loop.

IMPLEMENTED FUNCTIONS

- Flashing
- All Red
- Manual with button control or remote control via radio
- Automated with fixed times
- Synchronized
- Actuated by traffic with suppression and/or extension phases
- Priority to public transport and emergency vehicles
- Automatic summer/winter time changeover according to standard or user-programmed dates
- Voltage and current monitoring of all connected lamps to check and report any anomalies
- Remote control with automated warning messages sent via modem when anomalies are detected on the controller

ACCESSORIES

CVE/2/200 RVL

Traffic light with 2 Ø 200 mm lights with LED optics, red and green, for alternating one-way streets for private use.

RADAR RLV/PARK

Presence detector radar for application in actuated and semi-actuated systems avoiding the need to install inductive loops.

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