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Informative LED Parking Display

Smart parking solutions for cities of the future

Features

- LED number sign showing the remaining available parking places
- Lightweight and durable, weatherproof aluminium housing
- LED backlight of the housing, at night, for clearer sign recognition
- Low power consumption for display operation
- LED arrow mark to guide drivers to free parking places

Product description

Mobilisis provides two Informative Led Display products called LDArrow and LD3SegV2.

The LDArrow is an LED display with the ability to display green arrows in eight directions (all horizontal, vertical and diagonal options) and a red cross. Includes an integrated photo sensor which will automatic adjust the brightness of the display arrow depending on the ambient light, saving energy at night. Communication options are RS232, RS485 and CAN.

The LD3SegV2 is a three-digit LED display that can be used to display the number of available parking places. Each digit is made of seven segments where each segment contains 5 LED diodes. The LD3SegV2 has an integrated photo sensor which will automatic adjust the brightness of the display numbers depending on the ambient light, which saves energy at night. LD3SegV2 is intended for connection to peripheral devices using RS232, RS485 or CAN protocol.

Implementation

LDArrow is intended for outdoor and indoor use and shows the direction of available parking places around the parking lot, making it easier to guide drivers to free parking.

LD3SegV2 is performed in such a way that the device can detect the failure of any segment. Also, if a short circuit occurs in any segment of any LED, it will have no effect on the rest of the segment.

Benefits of each

- Easy integration with existing traffic signage
- Local navigation of drivers towards free parking places
- Reduced time in search of free parking places
- Real-time visualization of parking situation

Application

- Closed parking lots
- Parking garages
- City streets
- Smart cities
- Road intersections
- Circular flows

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Technical specification	LD3SegV2	LDArrow
Power supply	9 – 32V DC	
Power consumption (max.)	450 mA @ 24 V DC	400 mA @ 24 V DC
Housing dimensions (H x W x D) in mm	300 x 1500 x 80	250 x 250 x 80
Dimensions of LED area (H x W x D) in mm	125 x 265	120 x 122
Weight	25 kg	1 kg
IP class	certified IP54	-
Operating temperature	-25…. +65°C	
Storage temperature	-25…. +65°C	
Communication	CAN (125 kbps), RS485 (9600 bps), RS232 (9600 bps)	