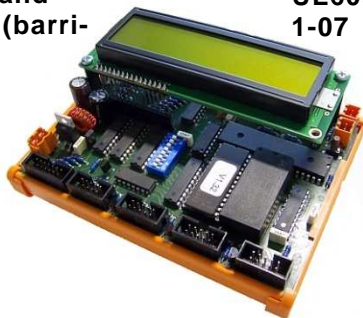


## COMPONENTS OF PARKING GUIDANCE SYSTEMS

### Area Controller ZK300-Main

- self-sufficient process computer
- controls up to 96 sensors via 3 separate bus interfaces
- RS485 communication interface to central computer (optional: V23 Modem or TCP/IP - module)
- control modules with digital in- and output for external components (barrier, traffic lights)
- RS485 interface to control information signs
- Certified according to:
  - IEC 60905-1:2005 (2nd Edition)
  - EN 60950-1:2006 (2nd Edition) + A11:2009
  - UL60950-1, CAN/CSA22.2 No. 60950-1-07



#### Funktions

The area controller ZK300-Main combined with its other modules can control up to 3 bus systems including up to 32 sensors per bus. Therefore the collected information is processed and the obtained results will be provided to different signs, which are connected via RS485 bus.

Furthermore the controller can be used as a self-sufficient process computer or interface between periphery and the central computer. The configuration takes place comfortably and intuitively with the 4 buttons next to the display or with the PC based software. The configuration is saved power failure-proof.

#### Power supply

A 12V Switching power supply is needed. Therefore we suggest a power supply model MDR-10-12 of the company Meanwell.

In order to protect the power supply, a protective device with a release current of 10A release current has to be slot in ahead. We suggest the circuit breaker MBN-100-B10 of the company Hager.

#### Installation

Thus the area controller is prepared for hat rail mounting, a fast and easy mounting in an available or new cabinet is possible.

#### Technical Data

Casing:	Profile plastic casing with top hat rail mounting
Size:	140x110x75mm
Case colour:	orange
Power supply:	12V (DC), Meanwell power supply model MDR-10-12
current:	200 mA

#### Features

- Display and keyboard for configuration
- Three RS485-interfaces in order to connect bus interface modules.
- One RS485-interface in order to connect the sign-interface-module.
- One RS485-interface to integrate the zone controller into a central park guidance system (e.g. CUR VCC).

#### Options

- Control of information signs via pins (free-occupied; red-green arrows)
- Date interchange with central computer via Modem or TCP / IP interface module

#### Please note

If another switching power supply is used then the suggested one, take into account that the delivered voltage is according to the SELV-voltage with limited power.

The installation has to ensure sufficient fire prevention.

An easy accessible separating device for the power supply has to be installed.

**Country of origin** Germany