

## E\*LDS CI 3000 / CI 3100 Store Computer



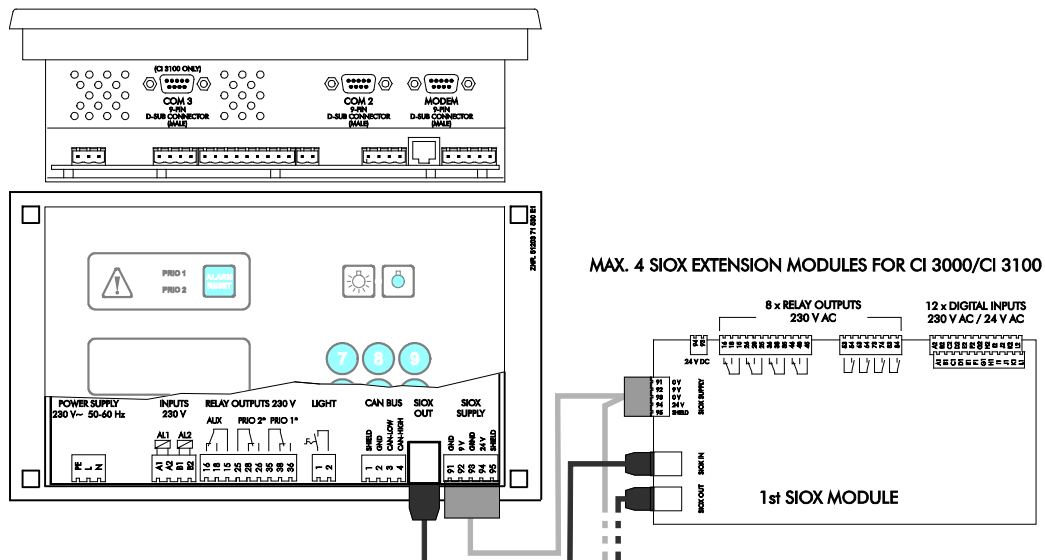
### Special functions and features

- Central parameter setting, configuration, display of operating data including message and alarm memory for all E\*LDS components
- Extensive wiring options, modular upgrade capability
- Data archiving (operating values, - states), EU-archive
- Remote monitoring and maintenance
- Individual alarming, inclusion of external alarms and transmission via modem or by text messaging
- In-use change of user language
- Interfaces for building automation
- Energy and power recording (S0 or M-Bus):  
Balancing separate meter circuits  
Differentiation of high and low tariff
- Individual energy management:
  - Multistage external load shedding with external switching outputs
  - Cyclic recording of energy and power
  - Monitoring of contract power
- Extendable up to 4 SIOX Extension Modules possible (per SIOX 8 relay outputs and 12 digital inputs) e.g. as universal timers with external switching output
- Internal 230 V power supply

### Order numbers

- LIC1300051 CI 3000, 2 MB for panel mounting
- LIC1300053 CI 3000, 6 MB for panel mounting
- LIC1300054 CI 3000, 16 MB for panel mounting
- KGLCI31003 CI 3100, 6 MB for panel mounting
- KGLCI31004 CI 3100, 16 MB for panel mounting
- KGLZRAHMEN Frame for panel mounting

# Connection diagram CI 3000 / CI 3100



## Specifications

### Electrical connection

- Operating Power: 230 V AC, 200 - 265 V AC / 50 - 60 Hz / 24 VA

### Interfaces

- Outputs
  - Relay: 3 changeover: 230 V AC / 6 A floating\* for message / alarm systems; for each SIOX extension module 4 changeover and 4 N.O. 230 V AC / 6 A
  - Switch: 1 N.O. with external wiring option, e.g. usable as central lighting switch
  - Digital: 2 x 230 V AC floating; for each SIOX extension module
- Inputs
  - 12 x 230 V AC / 24 V 50 floating
  - Free configuration of all inputs as alarm inputs or energy meters
- Field bus: CAN-Bus / floating: Data exchange with E\*LDS controller components and integrated building automation
- Data: CI 3000 / CI 3100: 2 x serial RS232 for local operation by PC, remote maintenance via modem, download and special functions, e.g. building control, other external systems, compact controller, M-Bus-Gateway for consumption data recording
- CI 3100 only: 1 x RS 485 for direct connection of UA 30-compact controllers
- Other:
  - Power Supply and data interface for SIOX-modules
  - 2, 6 oder 16 MB available (2 MB only for CI 3000)
  - Power reserve (lithium cell)
  - Internal buzzer, LED indicator and 2 signal contacts
  - Watchdog

### General data

- Dimensions: W 257 x H 157 x D 84 mm
- Temperature range transport / operation: -20 °C .. +80 °C / 0 °C .. +50 °C
- Relative humidity transport / operation: 8 % .. 80 % / 20 % .. 80 %
- Protection: Front with rubber gasket and mounting frame: IP54 otherwise: IP20 (panel mou)
- Standards: Complying with EU Directives
  - 89/336/EEC (EMC-Directive)
  - 73/23/EEC (Low Voltage Directive)

\* Output AL1 and AL2 with bi-stable relay and 5 minutes operating delay after switch-off