

E*LDS Combi Gateway



Special functions and features

Combi Gateway

- LAN based data connection within the company intranet
- CAN bus high speed communication with store computer CI 3000
- Secure remote data connection via internet through integration in VPN infrastructures
- Economical connection through the use of existing internet access at the respective sites
- Simultaneous access up to three clients is possible
- HTML based configuration interface
- 7-Segment-LED display for status and fault messages
- Simple and safe update possibilities / IP configuration via USB stick without special skills
- Ultra compact design for DIN rail mounting
- Switchable terminating resistors for CAN bus
- Power supply via external 24 V DC

Software module LAN-Gateway

- Access to the E*LDS system by means of LDSWin via TCP/IP based LAN- or WAN-connections

Software module XML-Gateway

- Connection of external applications to the E*LDS system
- Read and write access to E*LDS components using XML interface via Ethernet (LAN):
Actual values, setpoints,, defrost times and temperature list

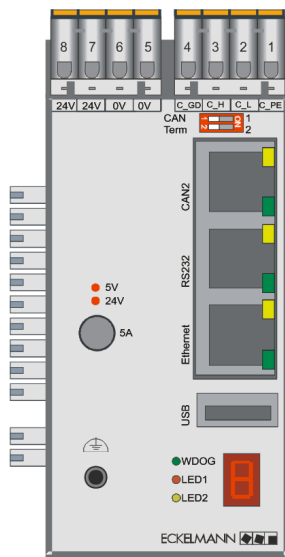
Software module Modbus TCP Gateway - optionally

- Connection of external applications to the E*LDS system
- Access to the E*LDS system via TCP/IP based LAN and WAN connections with Modbus TCP protocol:
Actual values and setpoints
- Modbus TCP Master & Slave functionality

Order numbers

- KGLXMLGW03
Combi Gateway incl. LAN-/XML-Gateway
- KGLNT23024
Power supply, 100-240 V AC / 24 V DC 1,3 A
- KABHICAN2M
Cable for high speed CAN bus connection (length 2 m)
- Upon request
Software module: Modbus TCP Gateway

Connection diagram



Combi Gateway with connector set

Specifications

Electrical connection

- Operating Power: 24 V DC
- Power consumption: max. 210 mA

Interfaces

- CAN1: (Combicon) 1st CAN bus interface for connection to the CAN bus of the E*LDS system with switchable terminating resistor (galvanically isolated CAN2-interface)
- CAN2: (RJ45) 2nd CAN bus interface for high speed communication CAN Bus (approx. 250 kbit) to CI 3000 / CI 3100 with switchable terminating resistor
- Ethernet (LAN): (RJ45) For network connection (LAN/WAN) 10/100 MB
- RS232: (RJ45) Serial, currently without function
- USB: USB interface for simple update possibility and IP configuration via USB stick
- Monitoring function: Watchdog (LED, currently without function)

General data

- Dimensions: W 45 x H 100 x D 115 mm
- Temperature range:
 - Transport: -20 °C .. +80 °C
 - Operation: 0 °C .. +50 °C
- Relative humidity:
 - Transport: 8 % .. 80 %, not condensing
 - Operation: 20 % .. 80 %, not condensing
- Protection: IP20
- Standards:
 - Complying with EU Directives
 - 2004/108/EEC (EMC-Directive)
 - 2006/95/EEC (Low Voltage Directive)
 - 2002/95/EEC (RoHS)

Eckelmann Group – Source of inspiration

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 Technical modifications and errors reserved