



Kommunikationsmodul – Bauform Box

Das Kommunikationsmodul 3000-U140-02 ist Bestandteil des ELM Systems. Es beinhaltet die zentrale System-Steuereinheit einschließlich Ereignisspeicher mit Schnittstellen zur Konfiguration und Kommunikation und 2 Alarmrelais. Pro ELM System kann nur ein Kommunikationsmodul eingesetzt werden. Zwei Abschluss-Widerstände für den CAN-Bus gehören zum Lieferumfang.

Die Konfiguration erfolgt über den eingebauten Web Browser; Werkseinstellungen weiter unten.

Technische Änderungen vorbehalten.



Communications module – box style

The communications module 3000-U140-02 module is part of the ELM system. It contains the central control unit for the system with event memory, interfaces for system configuration and communication and 2 alarm relays. Two termination plugs for the CAN bus are included with the module.

Configuration is via built-in Web Browser, factory settings see below.

Subject to technical changes.

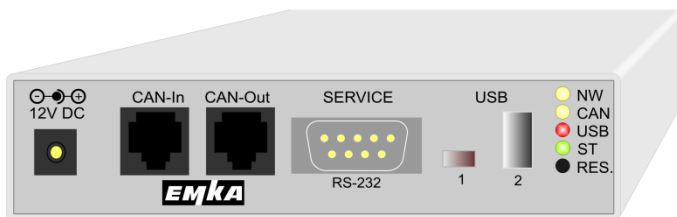


Fig. 1: 3000-U140-02 front

- Power supply: 12 V DC, 350 mA
- Relay data: max. 48 V AC, max. 0.5 A, max. 30 V DC, max. 1.0 A
- Data interfaces: RS 232 Sub-D9, USB (front), Ethernet RJ45 (rear)
- LED CAN: flashing when active, otherwise ON
- LED CYC: flashing when polling cycle is complete
- LED NWR/NWT: flashing when receiving / transmitting data via network, otherwise OFF
- Box dimensions: 135 x 32 x 229 mm (W x H x D)

CAN bus wiring

The box modules are linked together by RJ45 patch cables. Connect CAN-Out of a module to CAN-In of the next module. Open CAN-In / CAN-Out sockets must be equipped with a terminating plug for proper operation. Terminating plugs are supplied with this module.

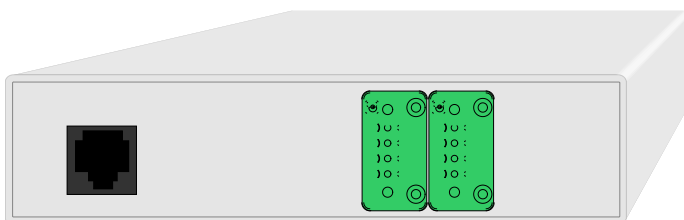


Fig. 2: 3000-U140-02 rear

Factory Settings

- IP: 192.168.3.45
- Subnet: 255.255.255.0
- Gateway: none
- Login PW: admin

Operating Manual under
www.emka-electronics.com

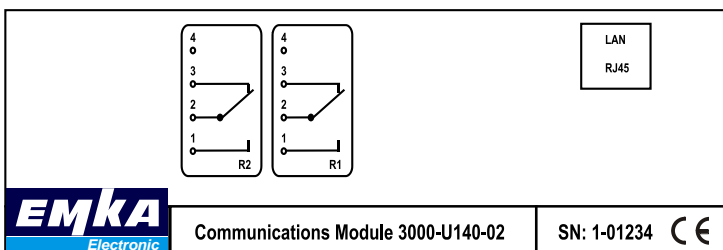
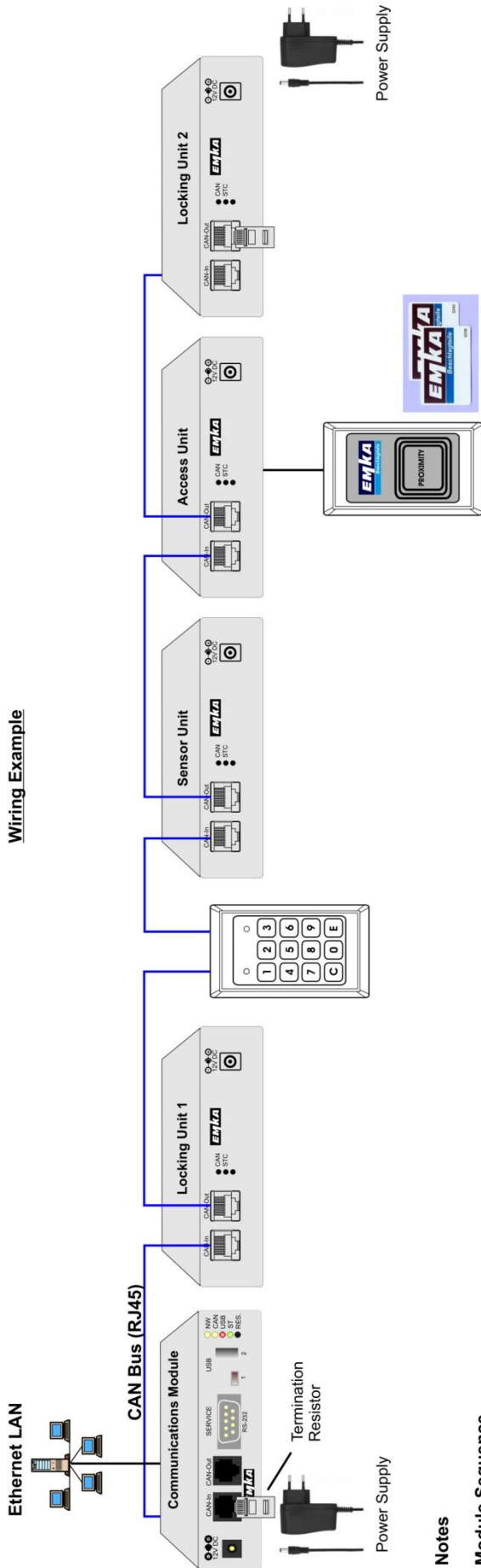


Fig.3: top side label



Notes

Module Sequence

There is no preferred sequence; Communications Module can but must not be the first module in the chain

Max. Number of Units

Every Communications Module can manage up to 100 additional units. Only 64 modules of the same type are allowed in the chain, special case Access Unit: max. 32 units!

Power Supply

Power feeding is via CAN bus CAN-Out connector to CAN-In connector of the next unit in the chain. Do not overload power supplies, check unit data and power consumption of connected devices (locks, sensors, readers ...). Add additional supplies if necessary.

Termination Resistor

First and last unit in the CAN bus chain must be equipped with a termination resistor. Never wire a closed loop!