



## Access Unit

Die Unit 3000-U47-08 ist Bestandteil des ELM Systems und dient zum Öffnen von Verschlüssen mittels kontaktloser Karten vom Typ LEGIC. Die dafür erforderliche Antenne sowie zwei LEGIC-Karten sind im Lieferumfang enthalten.

Technische Änderungen vorbehalten.



## Access Unit

The 3000-U47-08 unit is part of the ELM system. It is used to open electronic locks via LEGIC type proximity cards. The antenna, the control module, and two LEGIC proximity cards are included in this part number.

Subject to technical changes.



Fig. 1: 3000-U47-08 front side

Power supply:  
LED CAN:  
LED STC:  
Box dimensions:

12 V DC, 200 mA + outputs  
flashing when active, otherwise ON  
normally OFF, flashing when module status changes  
135 x 32 x 100 mm (W x H x D)

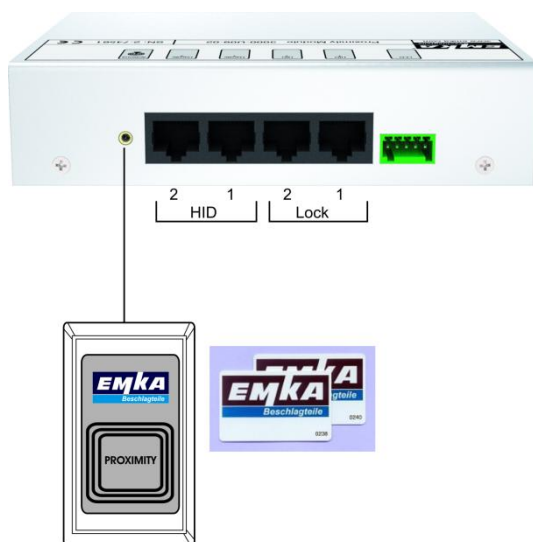


Fig. 2: 3000-U47-08 rear side, connecting Legic antenna

Connector antenna:

see Fig. 2

Connectors "HID":

not used

Connectors "Lock":

suitable for locks AGENT E Network Slave, and single point latches, 1150-U5x-xx locks

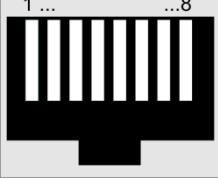
1 ... 8	Pin	Signal	Pin	Signal
	1	LED GN*	5	+12VDC
	2	Data0	6	status contact NC
	3	GND	7	Data1
	4	Coil / Motor	8	LED RD*

Fig. 3: "Lock" connector - pin allocation

1 ... 5	Pin	Signal	Pin	Signal
	1	Lock 2 GN	4	Lock 1 GN
	2	Lock 2 RD	5	Lock 1 RD
	3	GND		

Fig. 5: Alarm LED connector (AGENT E Network only) - pin allocation

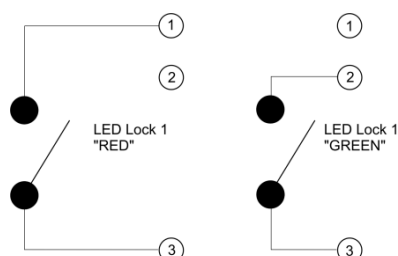


Fig. 6: Wiring examples for Alarm LED connector – driving Alarm LED of AGENT E connected to "Lock 1" input

## CAN bus wiring

The units are linked together by RJ45 patch cables. Connectors are located on the front side. Connect CAN-Out of a unit to CAN-In of the next unit. Open CAN-In / CAN-Out sockets must be equipped with a terminating plug for proper operation. Terminating plugs are supplied with the control units 3000-U14-02 / 3000-U140-02.

## Power supply

A 12 VDC, 500 mA (e.g. 3003-03-02) power supply is required for every third Access Unit. From this, power can be fed to other modules – keypads, control or sensor units, locking units etc. by CAT 5, CAN bus patch cables. Check that the total current requirements do not exceed the rating of the power supply.

## Unit addressing

If the unit is scanned by a control unit / communications module it will show 2 different modules:

1 lock unit 3000-U11/33 for 2 locks and 1 proximity unit 3000-U09/44. Depending on which modules shall be used, device addresses have to be assigned / changed.

## Card reader settings in communications modules

ID Address 1: 0    ID Address 2: 0    ID length 1: 4    ID length 2: 0

Please refer to manual of control module / communications module 3000-U14-xx / 3000-U140-xx for details

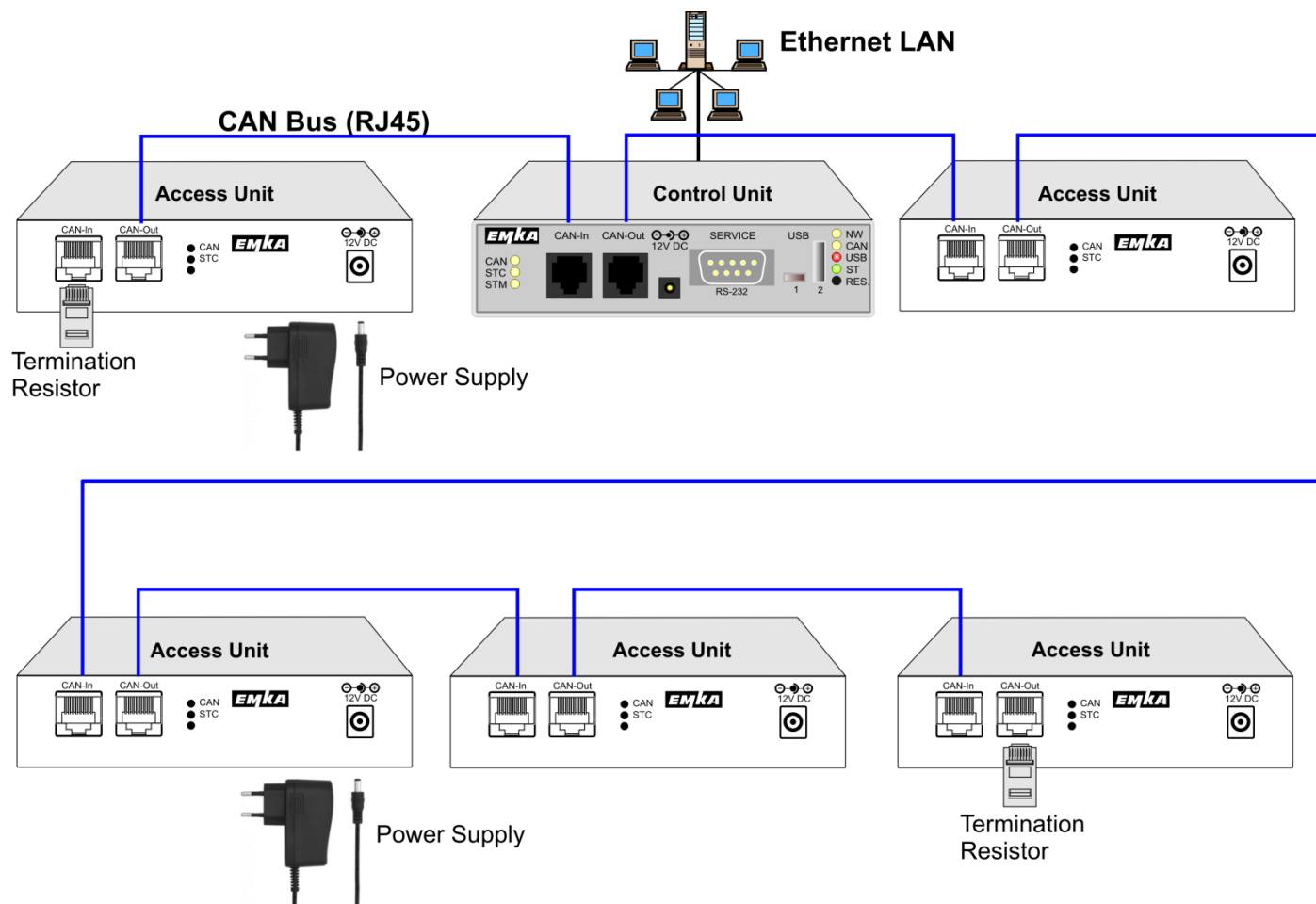


Fig. 7: Wiring example - CAN Bus wiring