



Bedienmodul Tastatur

Die Tastatur 3000-U08-xx ist Bestandteil des ELM-Systems und dient zum Öffnen von Verschlüssen per PIN-Code. In Kombination mit einem Kartenleser wird über die Tastatur die Türnummer ausgewählt, während die Karte das Medium zur Authentifizierung darstellt. Eine weitere Betriebsart ist die 2-Faktor-Authentifizierung mit Türnummer, PIN-Code und Karte.

3000-U08-00 beinhaltet ein 3 m Kabel für den Anschluss an ELM-Module der Bauform Kit über den CAN-Bus

3000-U08-01 beinhaltet ein 3 m Kabel für den Anschluss an ELM-Units über den CAN-Bus

Technische Änderungen vorbehalten.



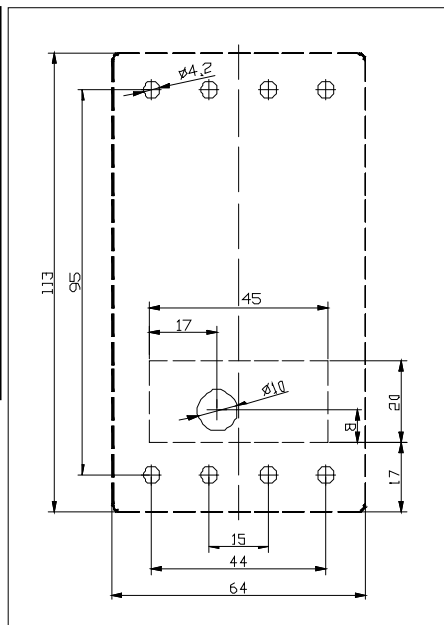
Keypad Module

The keypad 3000-U08-xx part of the ELM system used open locks via PIN code. In combination with a card reader the lock number is entered via keypad and the card used for authentication. An additional operating mode is the 2-factor-authentication with lock number and, PIN code and card.

3000-U08-00 includes a 3 m cable for connection to ELM Kit modules via CAN-bus

3000-U08-01 includes a 3 m cable for connection to ELM units via CAN-bus

Subject to technical changes



Dimensions:

113 x 64 x 12 mm³

Board:

H1m8v1e1

Power supply:

12 VDC, 50 mA. The power supply is fed via CAN-bus connecting cable.

Right LED:

Shows green if keypad is assigned and polled correctly, else red.)

Left LED:

In idle state off. Shows yellow if entries are made and flashes green or shows red if entries are confirmed with 'E', depending on result.

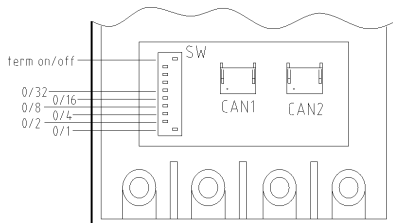
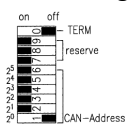


Fig. 1: 3000-U08 rear (partial)

Fig. 2: 3000-U08 drilling plan

Addressing



The module address can be assigned via dip switch (static) or software command (dynamic). The static address is the sum of the address values of switches set to "OFF" in dual notification. In the example on the left, address is set to "1" (only the switch 1 is active). Address "3" would mean setting dip switch "1" and "2" to "OFF".

If all 6 address switches are set to "ON", the address is assigned dynamically via software command.

CAN-bus

If the module is the first or the last in the module chain, the SW-term switch (CAN-bus termination switch) must be set to ON, otherwise it must be OFF. This is very important for correct working!

Enter a code to open a handle

Use keypad only: Enter the handle number (left LED = green) and press the button 'E' (left LED = yellow). Type the ACN (access code number) assigned for this lock and press 'E' (left LED flashes yellow). If the code was accepted, left LED flashes green and selected lock will be released, else LED shows red.

Use keypad with card reader: Enter handle number (left LED = green) and press the button 'E' twice (left LED = yellow) and show card to the reader. If card is permitted, selected lock will be released.

Use keypad with 2-factor-authentication: Enter the handle number, press 'E', enter personal PIN code, press 'E' and show card to the reader. If both factors match, selected lock will be released.