

**Steuermodul für 8 Griffe - Bauform Kit**

Das Modul 3000-U11-00 ist Bestandteil des ELM Systems. Es dient zur Ansteuerung von bis zu 8 aufspringenden Griffen. Für jeden Griff existiert ein Eingang zur Überwachung eines Griffkontaktes und / oder eines Türkontaktes.

Technische Änderungen vorbehalten.

**Handle Module for 8 Handles – Kit Style**

The module 3000-U11-00 is part of the ELM system. It is used to control up to 8 spring loaded handles. There is a contact input available for each handle to monitor the status of the handle (open/closed) contact and/or a door contact.

Subject to technical changes.

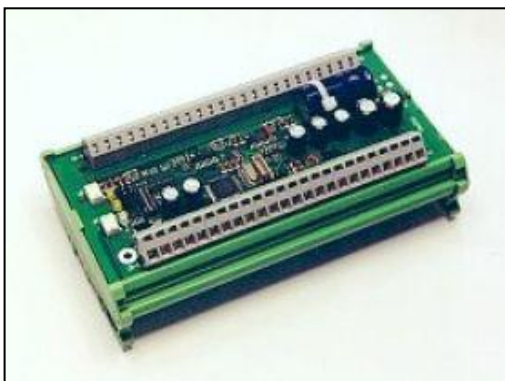


Fig. 1: 3000-U11-00

Power supply:	12 VDC, 50 mA; shortly 300 mA after opening cycle. Note that for modules connected to CAN1 power can additionally be fed via connectors J1-1 and J1-2.
Handle output:	min. 2.8 Ω. A 40 V, max. 15 A, pulse of max. 30 ms duration opens the handle. 8 sec. recovery time required between two opening cycles
LED CAN:	flashing when active, otherwise ON
LED STC:	normally OFF, flashing when module status is changed
LED LMST:	displays the status of the module
Dimensions:	90 x 50 x 152 mm (W x H X D)
Board:	H1m11v2e2

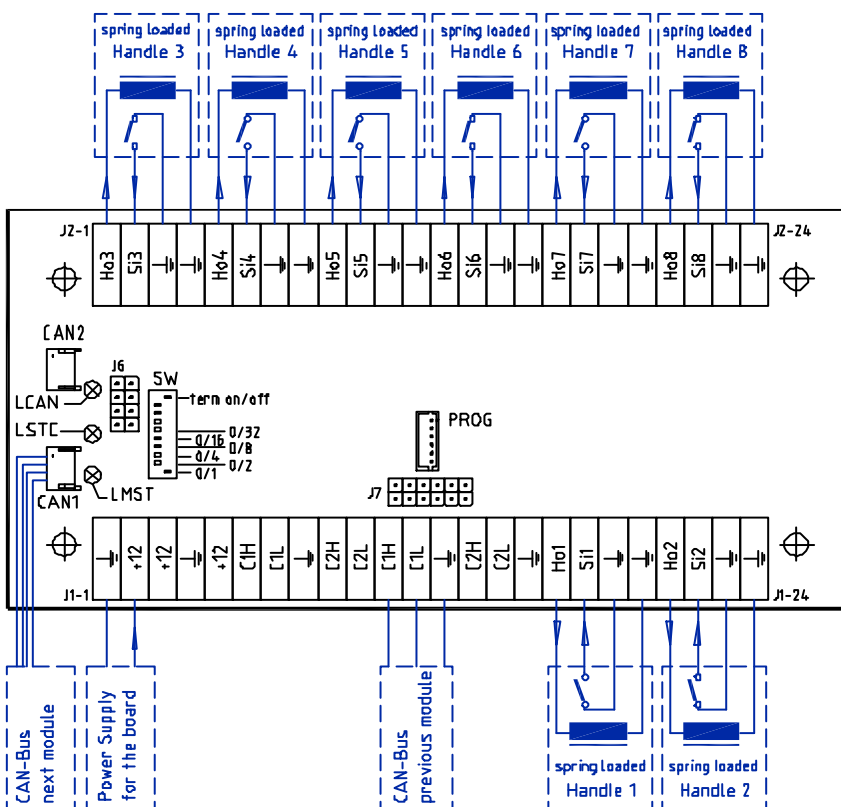


Fig. 2: Schematic diagram

**Addressing**

The module address is assigned by the dip switch. The address is the sum of the address values of switches set to "OFF". In the example on the left, address is set to "1" (only the switcher D/1 is active).

Address "3" would mean setting dip switch "D1" and "D/2" to "OFF".

When 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 then the CAN Bus termination switch must be set to "ON", otherwise "OFF". This is essential for correct operation!

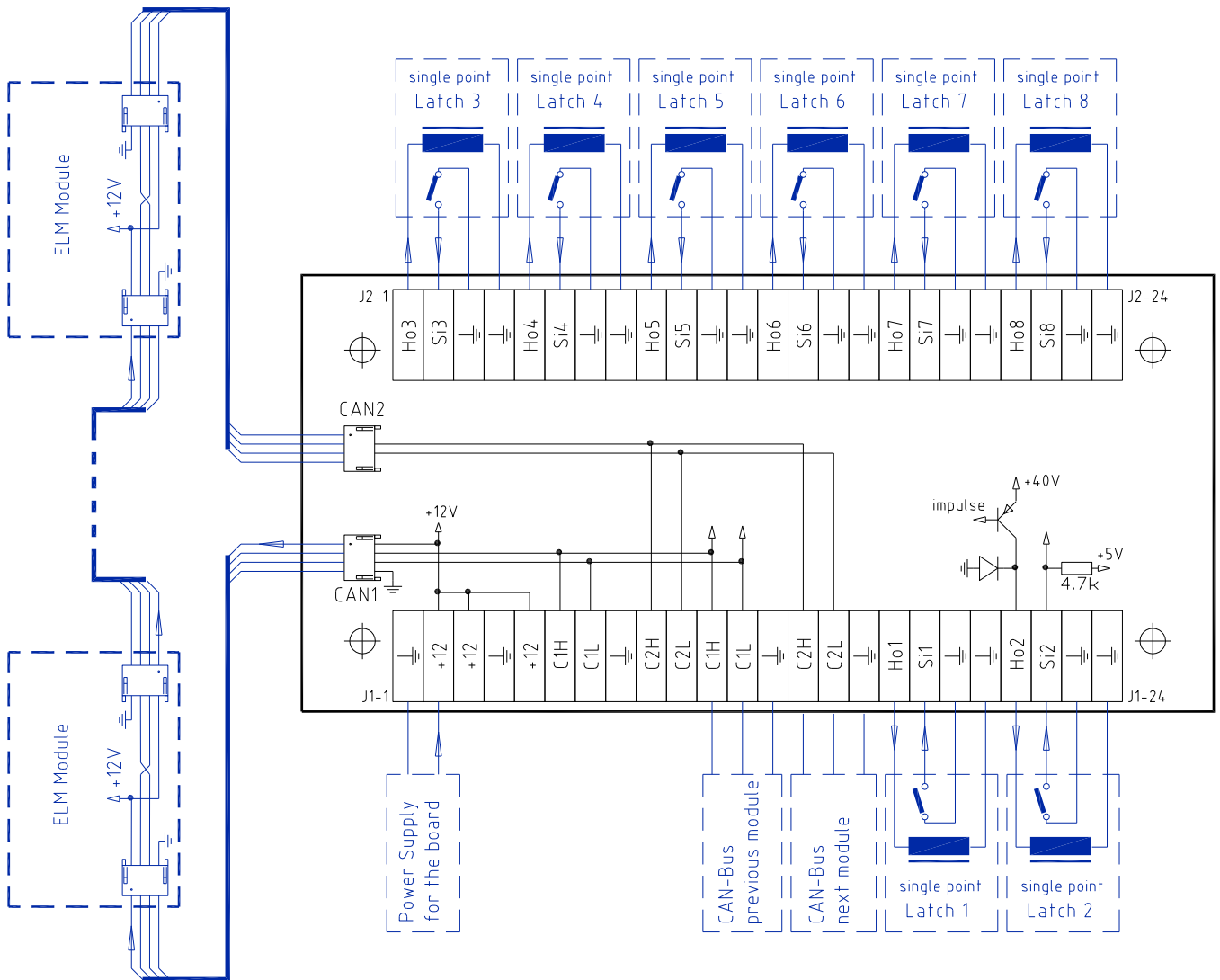


Fig. 3 Wiring diagram