FoxSec expander module for locker system

FoxSec® products provide a complete and fully featured hardware/firmware infrastructure for access control, intruder alarm systems and locker system.

The FS908L lock expander module has 8 status inputs, 8 PGM outputs and all i/o has status LED for quick check on installation. Easy to install and it is maintenance free.
The FS908L lock connects to FoxSec FS9011 main panel directly thru CAN dataline.
CAN dataline can be up to 1500m (4900 feet)

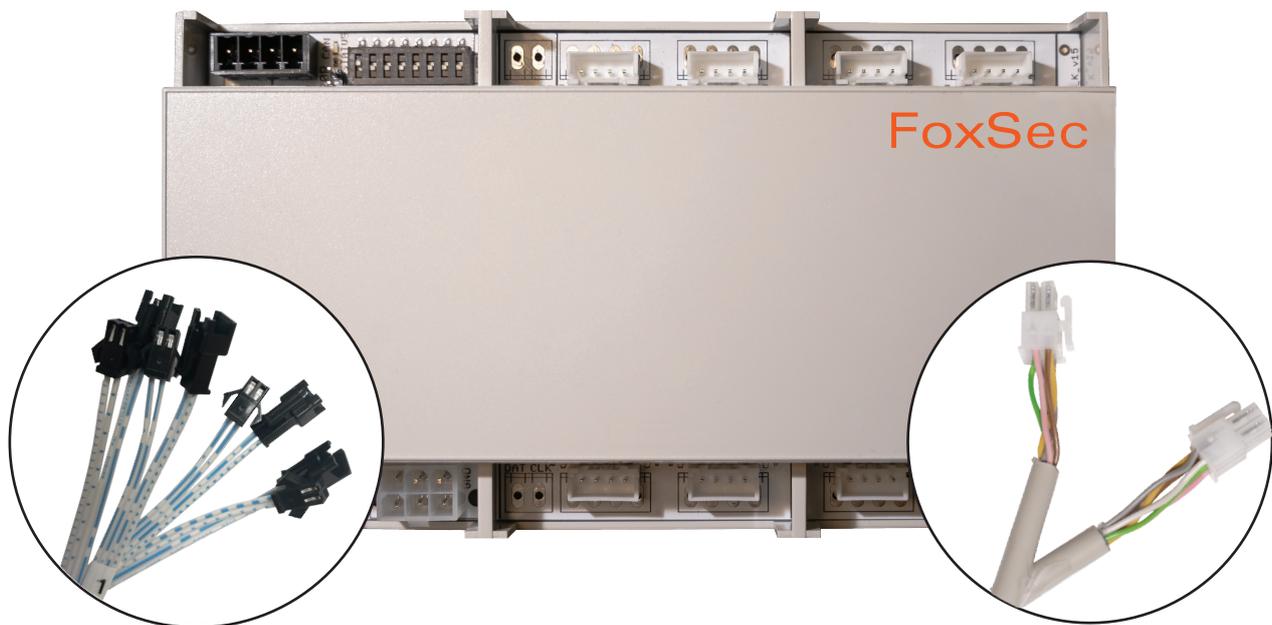Each module uses an address and it is changable by dip switch on the pcb.

Figure 1

Figure 2

FS9208L Features

- 8 PGM outputs for lock

- Status LED's for easy visual diagnostics of troubles, status states etc.

- Can be used for lock status input

- Live monitoring over FSConf

- Connects directly to main panel CAN dataline

- DIN rail mountable

Features

The unit should be installed indoors, near secured area such as in the IT or telecommunications room, utility closet or server room.

Compatible with FS9011 main unit

8 input status LEDs
8 output status LEDs
CAN data status LED

Power consumption 12V 50mA / 24V 30mA
FS9208 module should be supplied 12 - 24VDC from sepparate power supply.

CAN dataline input / output
DC Power input / output
One Tamper input

16-bit CPU Microcontroller, 16 MHz
32k Flash memory inside microcontroller

Specifications

Dimensions
157 W x 87 H mm
(6.18" x 3.38)
Weight
160g (5.64 oz)

Enclosure Material
Polycarbonite (160 W x 90 H x 30 mm)

Power Supply Requirements
100-240VAC 50/60Hz power supply
Power output 12 VDC 3A
Recommended: Supervised switching power supply with battery backup, input surge protection, AC Fail and battery low contact outputs.
Separate supervised DC supply with battery back-up recommended if power supply max consumption exceeds.

Operating Environment
Indoors or customer-supplied NEMA-4 Enclosure
Temperature
0° to 40° C (32° to 104° F)
Humidty
0% to 80% relative, non condensing
Materials
RoHS compliant 2002/95/EC

Communication Ports
1 x CANbus- two wire

Connection dable distance
CANbus- 1500m (4900 feet), using shielded twisted pair cable (Cat5e. Cat6e)
for data connection cable, Cat5e, special plug connection
for lock, up to lenght 3m, special plug connection (figure 1)
for power and data line special plug connection (figure 2)

Models
FS908L 8 status input and 8 PGM output