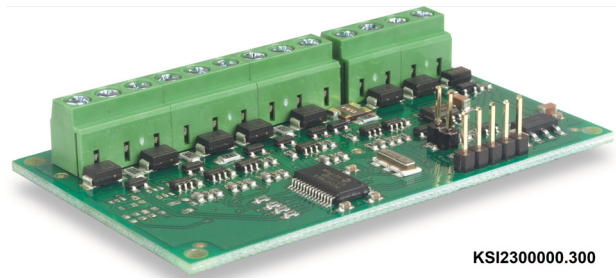# Ksenia®
security innovation

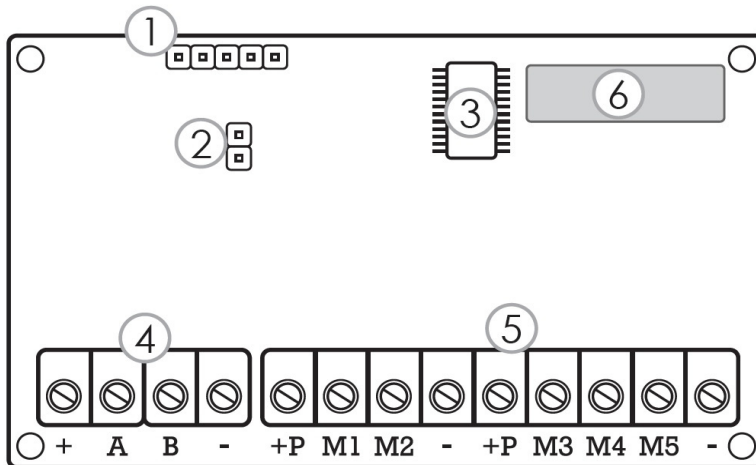# auxi

Expansion module

Installation guide

KSI2300000.300

INTRODUCTION

auxi is an expansion module which allows to increase the number of inputs/outputs of lares and lares 4.0 control panel, of 5 units.
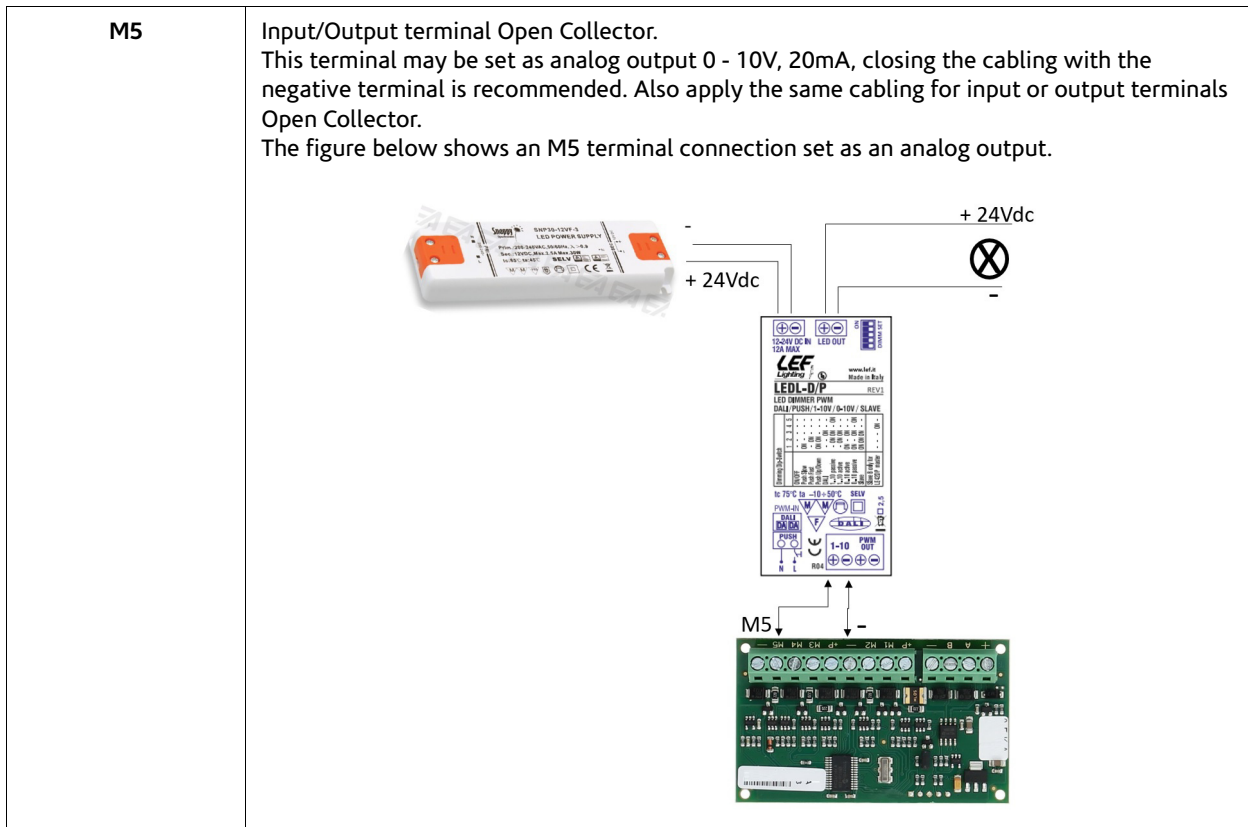
CONNECTION DESCRIPTION

LEGEND

1. Reserved use
2. Microswitch Tamper bridge
3. Microprocessor
4. Connection BUS to the panel
5. Connection clamps
6. Serial Number label

13B 032   S/N 001510   6

An example of device label with S/N '001510'

TEMINALS DESCRIPTION	
+ A B -	Connecting terminal to lares/lares 4.0.
+P	Power supply terminal 0.5A.
-	Ground terminal.
M1	Input/Output terminal Open Collector. This terminal may be set as analog input 0 - 10V (only on lares).
M2, M3, M4	Inputs/Outputs terminals Open Collector.

M5	Input/Output terminal Open Collector. This terminal may be set as analog output 0 - 10V, 20mA, closing the cabling with the negative terminal is recommended. Also apply the same cabling for input or output terminals Open Collector. The figure below shows an M5 terminal connection set as an analog output.

The extremely compact dimensions of **auxi** module, allows its installation within a standard DIN 503 box for wall mounting or alternatively into the plastic "slim" box (code KSI7302000.010) which can host up to two auxi modules.

TECHNICAL DATA

- Power supply: 13.8Vdc
- Consumption: 20mA (excluding terminal P and outputs)
- 1 analog input: 0 - 10V (only lares)
- 5 programmable inputs/5 Outputs O.C at 500mA each
- 1 analog output: 0 - 10V 20 mA
- 1 power supply terminal 0.5A (protected by a self-restore thermal fuse)
- Dimensions 45x75x16mm

QUANTITY DATA

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of expansion modules (auxi, auxi relay, auxi 10in, auxi-L, auxi-H)	6 (only auxi and auxi-H)	4 (auxi-H excluded)	24	24	64	200

CONFIGURATION

auxi module can be connected to lares 4.0 through the KS-BUS 4-wire serial bus and has 5 terminals which can be configured as programmable inputs with End-of-Line resistors or OC outputs at 500 mA.
One terminal (M1) can be configured as analog input 0-10V (only for lares) and another one (M5) as an analog output 0-10 V. The fast contacts (inertial sensors and roller shutter sensors) are also configurable, among others from "Installer" configuration program, for details please consult the lares 4.0 Programming Manual. The configuration of **auxi** module is extremely easy, it is automatically acquired by lares 4.0, identified through a 6-digit serial number printed on the label on the card.

CERTIFICATIONS

Europe - CE
EN50131 Grade 3 - Class II
T014:2013
SSF 1014 Larmklass 3

Technical data, appearance, functionality and other product characteristics may change without notice.