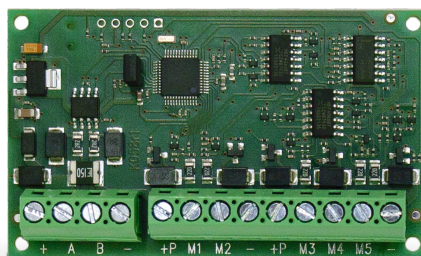


Description

auxi-A is an expansion board that increases by 5 the number of inputs/outputs of lares 4.0 control panels. Specifically, the analog inputs, when connected to a compatible sensor, can manage voltage ranges to which events and notifications can be associated; the analog outputs can be used as intensity regulators (dimmers), allowing brightness to be increased or decreased.

The user can manage these functions via the lares 4.0 app or the conexa keypad.

Finally, the module directly supports shutter sensors and inertial sensors, without the need for external analysis boards.



KS12300007.300

auxi-A is connected to lares 4.0 via the 4-wire KS-BUS serial BUS and its 5 terminals can be configured as follows:

- all 5 terminals can be programmed as open collector outputs up to 500 mA each;
- all 5 terminals can be programmed as inputs with end-of-line resistors;
- as an alternative to the above configurations, up to 4 of the 5 terminals can be programmed as 0–10 V analog inputs (with the possibility to customize the levels and voltage ranges on the analog input), OR as 0–10 V, 20 mA analog outputs.

Technical Specifications

Power supply:	13.5 Vdc
Current consumption:	25 mA (excluding terminal P and outputs)
Alarm inputs:	5, with programmable balancing
Analog inputs:	4, from 0 to 10 V (with 5 customizable analog ranges)
Open collector outputs:	5, 500 mA each
Analog outputs:	4, from 0 to 10 V, 20 mA
Power output terminal:	0.5 A (protected by self-resetting thermal fuse)
Operating temperature:	from +5°C to +40°C
Humidity:	95%
Board dimensions:	75 × 45 × 16 mm (W × H × D)
Weight:	100 g

“Dimmer” functionality

Possibility to use up to four terminals as analog outputs (0–10 V, 20 mA) able to adjust the output voltage, to be used, for example, to control light intensity from the lares 4.0 user app.

“Probe” functionality

Possibility to use the 0–10 V analog inputs connected to sensors with analog output and to program up to 5 voltage measurement ranges (e.g. temperature probe, anemometer, etc.).

System maximum configuration

lares 4.0 models	wls 96	16	40	40 wls	140 wls	644 wls
Maximum number of BUS expansion modules	6	4	24	24	64	200

Certifications

- Europe - CE, RoHS
- IMQ:
 - EN 50131-1:2006 + A1:2009 + A2:2017 + A3:2020
 - EN 50131-3:2009, EN 50131-6:2017, EN 50131-10:2014,
 - EN 50131-5-3:2017,
 - EN 50136-1:2012 + A1:2018, EN 50136-2:2013
 - EN 62368-1:2020 + A11:2020
 - EN 50130-4:2011 + A1:2014, EN 50130-5:2011
 - EN 61000-6-3:2007 + A1:2011
 - Grade 2 or 3 - Class II or III
- INCERT: T031: 2017 + A1:2018 + A2:2022



D-Q2T-0025



How to order

KS12300007.300 - modulo auxi-A

Accessories



KS17300000.001 - Plastic box for DIN rail



KS17302000.010 - Slim plastic box for up to 2 modules

Technical specification, appearance, functional and other product characteristics may change without notice.