



JA-114HN Bus four-input and four-output module

A bus module that provides four wired inputs with adjustable EOL resistor values, four galvanically separated signal PG outputs and an auxiliary power supply, protected with an electronic fuse.

- [Declaration of conformity - JA-114HN \(PDF 313.78 kB\)](#)



Description

Besides the EOL resistor type, the values of resistors can also be set for the inputs. The outputs are designed as galvanically separated ones (two have a common C terminal in each case). The module occupies four positions in the control panel and it is equipped with a front and rear tamper sensor.

It is mainly suitable for the refurbishment of wired alarms, where old detectors are kept. They are also very frequently used to control multiple appliances through the PG outputs. The auxiliary power supply makes it possible to supply current to boost relays connected to the signal output.

Technical specifications

Power

from control panel BUS 12 V DC (9 – 15 V)

Current consumption:

- Nominal consumption - to calculate backup

11 mA
all inputs connected to GND
(+ consumption of connected devices)

- Maximal consumption - for cable selection

26 mA
(+ consumption of connected devices)

Voltage from +U

12 V DC (9 – 15 V)

Maximum acceptable load from +U (electronic fuse)

< 200 mA

Maximum acceptable current/voltage switched by each output

500 mA/38 V

Max. measured resistance at input

20 kΩ

Max. cable length connected to inputs

100 m

Dimensions

77 x 40 x 31 mm

Weight

26 g

Classification	security grade 2/environmental class II
- according to	EN 50131-1, EN 50131-3 (ACE type B)
- environment	Indoor general
- operational temperature range	-10 to +40 °C
- average humidity	75 %, non-condensing
- certification body	Trezor Test s.r.o. (no. 3025)
Also complies with	EN 50130-4, EN 55022