



## 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.

o [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

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