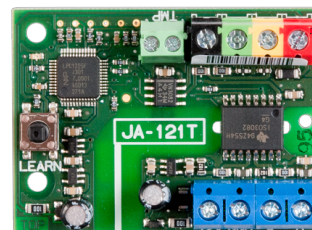


# RS-485 bus interface

Code: JA-121T

The JA-121T module is a universal adapter to RS-485 for other systems. It enables connection of the JABLOTRON 100+ system bus to an RS-485 serial line and vice versa.



## Product description:

An application can be e.g. for the connection of a Smart Home system. It contains galvanically separated circuits for 4 kV. Data are sent in the case of a status change or on request. In the passive mode all data are only sent on request. The module is addressable and it occupies one position in the system

## Technical information:

### Input part

**Power** from the control panel BUS 12 V DC (9 - 15 V)

**Current consumption to calculate the backup (standby)** 15 mA

**Maximum current consumption for cable choice** 20 mA

### Output part - supply from an external device

**Power** from an external device 12 V DC (6 - 28 V)

**Nominal current load** 15 mA

**Maximum current load** 15 mA

**RS-485 operational voltage** 5 V (4.75 - 5.25 V)

**Input/output separation** galvanically (up to 4 kV)

### General

**Dimensions** 52 x 38 x 14 mm

**Weight** 15 g

**Classification** Environmental class II (According to EN 50131-1)

**Operational environment** Indoor general

**Operational temperature range** -10 °C to +40 °C

<b>Average operational humidity</b>	75 % RH, non-condensing
<b>Complies with</b>	EN 50130-4, EN 55032, EN 50581