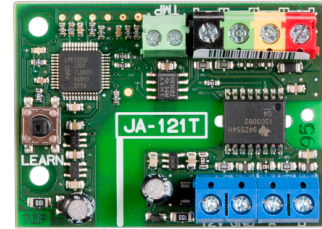


RS-485 bus interface

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

Average operational humidity

75 % RH, non-condensing

Complies withEN 50130-4, EN 55032, EN 50581
