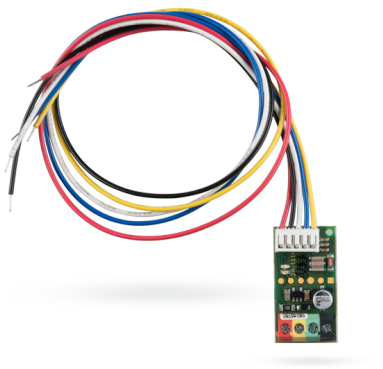
Bus module interface for wire detector

Code: JA-111H TRB

The JA-111H TRB module is designed for the connection of any wired detector (with contact or impulse outputs) to the JABLOTRON 100+ system and provides it with a power supply.



Product description:

Grade 3 Certification for Demanding Requirements: The product is fully compatible with installations requiring Security Grade 3. It is suitable not only for standard commercial applications (offices) and institutions (schools, public authorities), but also for **higher-risk premises**, such as jewellers, pharmaceutical and weapons storage, archives, post offices, and more.

This built-in module can be directly integrated into the detector.

- One input of the module has a fixed Tamper signal, the second input reports an alarm signal and the third input is used to report a fault of a connected device or to report a special “Masking” signal (for detectors with an Anti-masking function).
- The module can also be used for the connection of a CT-01 roller blind detector.
- The module can be used to control programmable PG outputs.
- It supports setting of a minimum activation time for alarm triggering (0.1 s - 300 s).
- The detector features status as well as impulse activation.
- The module is a device of the JABLOTRON 100+ system, is addressable and occupies one position in the system.

Technical information:

Power	from control panel bus 12 V DC (8...15 V)
Quiescent current consumption	5.2 mA (+ consumption of connected devices, all inputs connected to GND)
Maximal current consumption	11 mA (+ consumption of connected devices)

Maximum allowed current of the connected detector	50 mA
Type of control device (ACE)	type B
Dimensions	18.1 x 31.5 x 12 mm
Wire length	300 mm (cannot be extended)
Weight	8 g
Classification	Security grade 3 / environmental class II (according to EN 50131-1) **Note: Valid only, if it is built-in to Security grade 3 or higher certified housing**
Environment	indoor general
Operating temperature range	-10 °C to +40 °C
Average humidity	75% RH, non-condensation
Certification body	Trezor Test s.r.o. (no. 3025), Kiwa Nederland b.v.
Complies with	EN 55032, EN 50130-4, EN 50131-3, T 031, EN IEC 63000