LTE communicator module

Code: JA-194Y

The GSM communicator module is intended to be used with the JA-103K, JA-107K and JA-108K security alarm control panels of the JABLOTRON 100+ series.



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.

A control panel fitted with the JA-194Y module can communicate with an ARC via GSM networks to transmit alarm SMSes and voice messages. It also enables remote configuration of the control panel using F-Link software.

Technical information:

Module power supply	8–15V DC (from the control panel)
Average current consumption	approx. 9 mA (depends on the GSM signal strength)
Peak current consumption	720 mA
GSM communication band:	
2G (GSM, EDGE)	900 / 1800 MHz
4G (LTE)	800 (B20) / 900 (B8) / 1800 (B3) MHz 2100 (B1) / 2600 (B7) MHz
I&HAS classification	Security grade 3 / Environmental class II (according to EN 50131-1)

(Note: This applies only in combination with a Security-grade-3-certified control panel. For more info about ARC settings, see the Control panel installation manual)

Dimensions	70 x 37 x 25 mm
Weight	23 g
Operational environment	indoor general
Operational temperature	-10 °C to 40 °C
Average operational humidity	75 % RH, non-condensing
Compatible with RCT (ARC receiver)	according to communication protocols
SPT communicator type	SPT type Z (control panel expansion module)
AS/SPT interface	Pass-through

Supported ATS class/communication protocol:

ATS class [1)]	**ATS interface / Transmission protocol**
SP3 - SP5	GSM-GPRS (IP) — JABLO IP / ANSI SIA DC-09
DP3 [2)]	LAN (IP) / GSM-GPRS (IP) — JABLO IP / ANSI SIA DC-09

Notes:

1. The ATS classes listed in the ATS interface configuration with a transmission protocol is the maximum of what is possible to declare when creating an alarm communication path. The operational classification has to be determined by the installer after the ARC's agreement. The alarm communication path is created according to CLC/TS 50136-7 application guidelines.
2. DP3 is supported only in the configuration with the LAN communicator.

Warning: LAN communication provided via WIFI or GSM is considered as radio communication therefore it is not possible to use a GSM communicator and a WIFI WAN network when a DPx path is created.

Explanatory notes:

SPx: One communication path to an ARC (Single path) = 1 transmission medium
DPx: Dual communication path to an ARC (Dual path) = 2 different transmission media, for example Radio communication (GSM) and Metallic or Optical cables (PSTN, LAN).

Certification body	Trezor Test s.r.o. (No. 3025), Kiwa Nederland b. v.
In compliance with	EN 50130-4, EN 55032, ETSI EN 301 489-1, ETSI EN 301 489-7, EN IEC 62368-1, ETSI EN 301 511, ETSI EN 301 908-1, EN IEC 63000, EN 50131-1, EN 50131-3, EN 50131-10, T 031
Can be operated according to	CEPT/ECC/DEC/(04)06, ERC/DEC/(97)02, ECC/DEC/(06)01)