



JA-190Y GSM communicator module

The GSM communicator module is designed for the JA-100K and JA-100KR alarm control panels. It serves as a backup and extension of the LAN communicator, which is part of the control panel.

o [Declaration of conformity - JA-190Y \(PDF 321.52 kB\)](#)



Description

If installed, it enhances data transmission reliability to the JABLOTRON CLOUD and to the ARC.

The communicator makes it possible:

- o to control the system through a voice menu
- o to report events to a mobile phone (SMS and voice messages) directly from the control panel

Technical specifications

Module power supply	12V DC (from the control panel)
Average current consumption	approx. 40 mA (depends on GSM signal strength)
Peak current consumption	750 mA
GSM communication band	QUAD-BAND, 850 / 900 / 1800 / 1900MHz
Classification	Security grade 2/Environmental class II (Note: this applies only in combination with a security-grade-2-certified control panel. For more info about ARC settings, see the Control panel installation manual)
- Conforms to	EN 50131-1 +A1 →+A2, EN 50131-3, EN 50131-10, EN 50136-1, EN 50136-2, ANSI SIA DC-09, T 031
- Operational environment	indoor general
- Operational temperature	-10 °C to 40 °C
- Average operational humidity	75% RH
- 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
SP2	GSM-SMS	JABLO SMS
SP3 - SP5	GSM-GPRS (IP)	JABLO IP ANSI SIA DC-09
DP4 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 are the maximum of what is possible to declare when creating an alarm communication path. The operational classification has to be determined by the establisher after the ARC's agreement. The alarm communication path is created according to CLC/TS 50136-7 application guidelines.

2. DP4 is supported only in 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).

- Compatible with RCT (ARC receiver)	according to communication protocols
- Certification body	Trezor Test
Also complies with	EN 60950-1, ETSI EN 301 489-1, ETSI EN 301 489-7, EN 55022, EN 50130-4, ETSI EN 301 419-1 and EN 301 511
Called ID (CLIP)	ETSI EN 300 089
Can be operated according to	CEPT/ECC/DEC/(04)06