GSM communicator module

Code: JA-192Y

The GSM communicator module is designed for the JA-103K or JA-107K alarm control panel belonging to the JABLOTRON 100+ system.



Product description:

The control panel fitted with a JA-192Y communicates through a mobile network with a central monitoring station, allows remote control via the web and mobile applications and sends alarm SMSes and voice messages.

It allows the system to be remotely set up using the F-Link settings program.

Technical information:

Module power supply	12 V DC (from the control panel)
Average current consumption	approx. 5 mA (depends on the GSM signal strength)
Peak current consumption	175 mA
GSM communication band	QUAD-BAND, 850/900/1800/1900 MHz
I&HAS 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
- Certification body	Trezor Test s.r.o.
- Dimensions	70 x 37 x 25 mm
- Weight	25 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
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 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. DP4 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).

Also complies with	EN 62368-1, ETSI EN 301 511, EN 50130-4 +A1, ETSI EN 301 489-1, ETSI EN 301 489-7, EN 55032, ETSI EN 301 419-1, EN 50581
Caller ID (CLIP)	ETSI EN 300 089
Can be operated according to	CEPT/ECC/DEC/(04)06