

Description

Communicator on PSTN line. Thanks to its extremely compact dimensions (60 x 75 mm) it can be housed directly inside the central unit metal container.

The burglar-alarm central unit communication functions can be activated thanks to the PSTN: you can thus send alarms and signal faults or any other central unit status by sending the voice messages recorded in the central unit. Linking to the GSM 4231 or 4232 communicator it can work as preferential communication channel, GSM back-up or in parallel managing two calls at the same time (one on PSTN and the other on GSM). You can also manage your system by telephoning the central unit: a guided voice menu allows you to activate scenarios, exclude or include zones and activate or deactivate outputs.

Finally it allows you to connect the burglar-alarm system with the security centres: alarm signals can be sent via the Contact ID or SIA protocol.

The whole has various programmable options: check the presence of the telephone line and protection against wire cutting, enabling the responder function with a certain number of rings and jump the responder to allow the connection of other devices, such as a fax (answer to the second call).

Certification: EN 50131 Index 2 Environmental Class II.

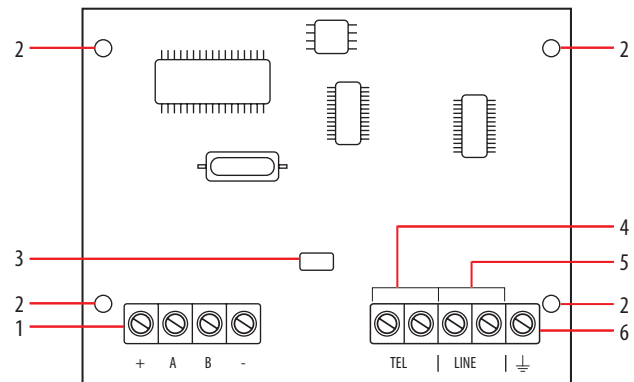
Technical data

Supply voltage	9.6 – 14.5Vdc
Absorption	60mA (med.); 90mA (max.)
DTMF selection	Present
Voice communicator	Present
Voice alarm transmission time	12sec.
Contact-ID communicator	Present
Contact-ID alarm transmission time	16sec.
Guided voice menu	Present
Telephone line check	Present
Alarm Transmission System Performance	SP2
Operating temperature	5 – 40 °C
Weight	50g

Dimensional data

Size: 75 x 60 x 15mm (H x L x D)

Front view

**Legend**

1. BUS connection clamps
2. Fixing holes
3. Connector for anti-tampering microswitch
4. Terminals to connect telephones, faxes or other devices which use the PSTN line
5. Clamps for the connection of the telephone line
6. Earth protection

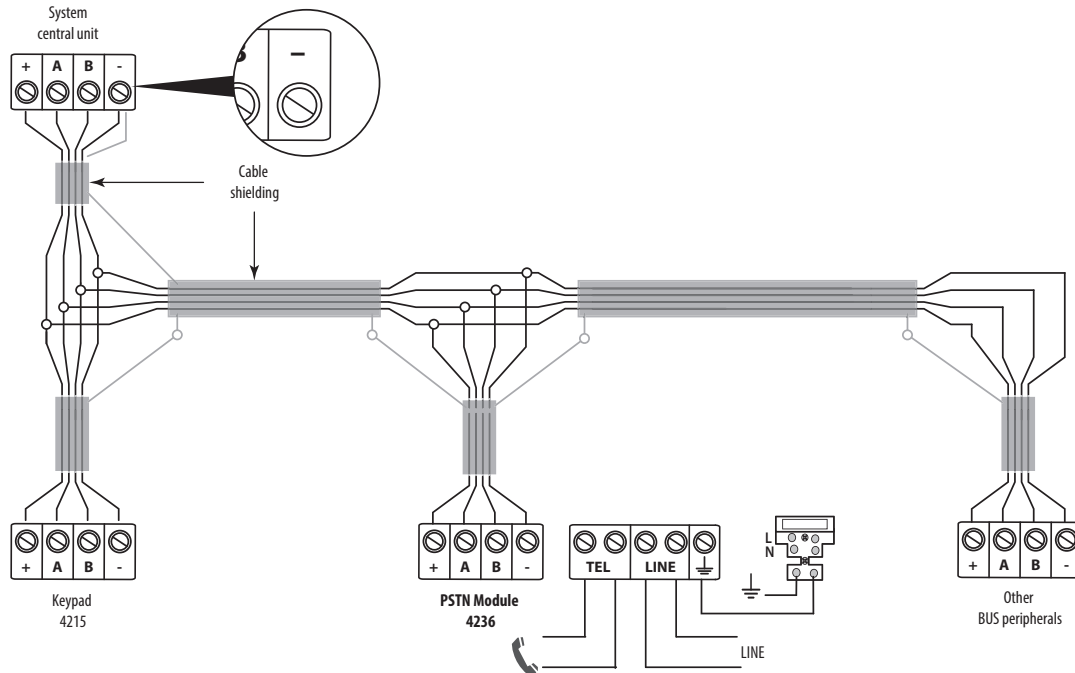
Connections between the PSTN module and the other system devices

The system devices communicate each other via BUS.

A twisted and shielded 2-pair multi-polar wire should be used for the connection between the central unit and the system devices:

- first pair for the system BUS (terminals A - B);
- second pair for the power supply voltage (+ - terminals).

The maximum length of the bus cable extended must not exceed 500 m. To select the most suitable wires, check absorptions and voltage drops on the basis of the length of the section. Rigorously respect the regulations of the country of use.



Note

The PSTN communication module must be the first element of the internal telephone system: therefore, it must be connected before any other devices (telephone, fax, or answering machine).