



Reference Manual

Intercommunication system

Cabin—Machine room (EN81-28)



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Please read the instructions carefully so that you can take advantage of all the features of this device.

Intercommunication system
Cabin—Machine room

INTD0906

www.pelekis.eu

Rev. 1.0 May 2019



Version

V1.4 04/2019 Initial design.



- **General description :**

INTERCOM device with code INTD0906 is an intercommunication device for the elevator. This device provides the necessary connection, according to EN81-28, for the direct communication of the person trapped in the cabin of the elevator, with the rescue team in the Machine Room. The two-way communication, is done by placing the INTD0906 device, in parallel with the telephone line to which the emergency device of the cabin is connected.

From the side of the Machine Room, the user or the rescue team establishes a connection by pressing a button and immediately afterwards communicates, through the headphones provided with the device, with the trapped person in the interior of the cabin.

The small size of the device makes it ideal for mounting on control panels with very small space such as MRL.

This device is compatible with all types of emergency phones used inside the cabin..

The device is designed to meet the requirements of the European Directive **EN 81-28** for safety systems in elevators.

Attention: The installation of the device as well as its adjustment must be done by specialized personnel.



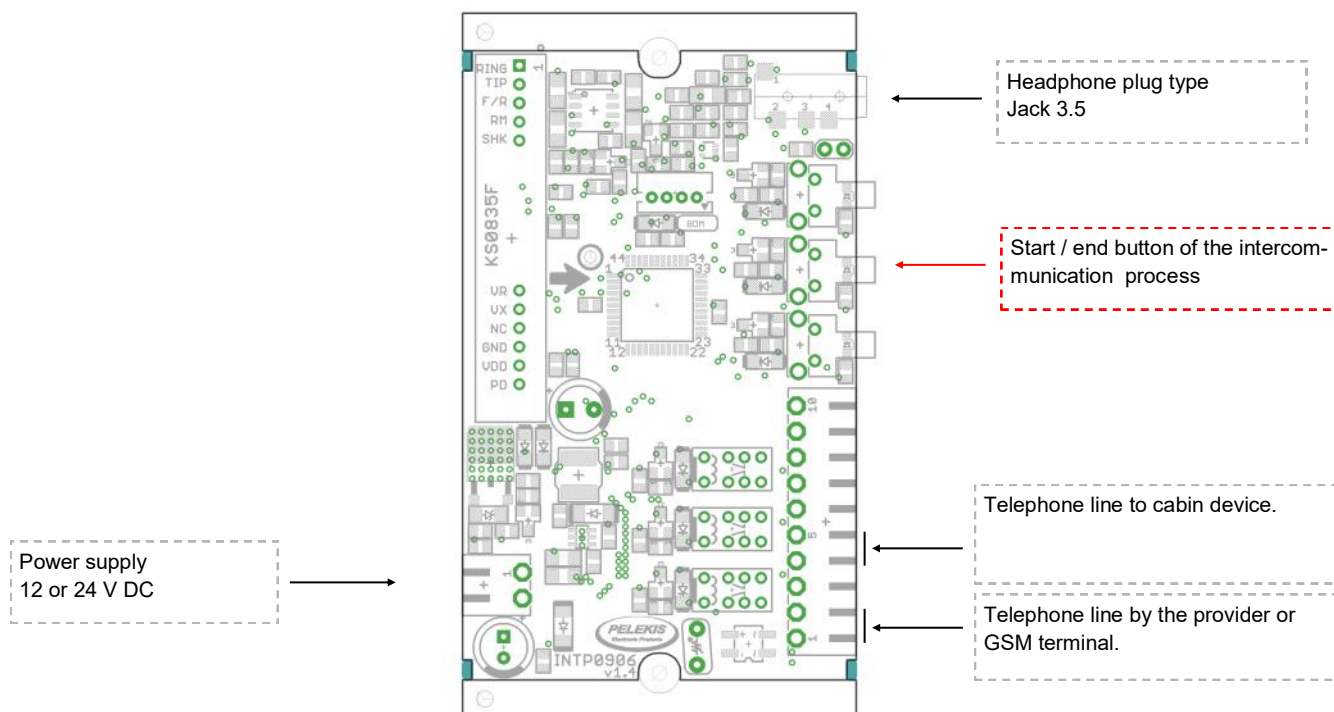
Technical Specifications

Power Supply	12-24 V DC
Power consumption	1.5W (average) in 12VDC input
Microphone/Loudspeaker Type	Typical 4pin for mobile headset
Headset Output Power	Stereo up to 2x75mW
User Interface	Indicator white LED and pressure button for operations
Operation Temperature	0-60°C
Humidity Level	10-80% (non condensing)
Dimension(exterior)	90 x 62 x 13,1 mm (H x W x D)
Weight	350gr

- Connectivity :

We will need a 12-24V DC power supply to connect the device, as well as a telephone line for the intercommunication.

Scematic1



For the proper operation of the system, the INTD0906 must be placed on parallel to the line that reaches the telephone device, located inside the cabin.

For further assistance, please call the company's SERVICE at 2102323345.



• Operation mode :

For the proper operation of the device, we must make sure that the connection has been made as described in the previous pages.

As mentioned on page 3, the device is placed in parallel to the telephone line intended for the emergency device that is located in the cabin of the car.

The above indicates that the device on the cabin, after the correct connection, will always have a telephone line, even if the intercommunication device does not have a power supply.

To activate the procedure of intercommunication between the cabin and the engine room we must press the control button start/end of intercommunication until the white LED lights up and signals the beginning of the process.

At this point, the device is ringing on the phone line that is connected to the emergency phone of the cabin.

The white LED flashes accordingly to the rate of ringing so that the user can recognize the status and the process of the device .

The device in the cabin, will then answer the incoming call and after that happens , a full two-way communication between the cabin and Machine room will be established.

In this case, the white LED flashes at a rate of 250ms.

To end the communication, the start / end control button of the intercommunication must be again pressed prolonged until the white LED stops flashing and remains ON. When the white LED remains on, we can release the button and end the intercommunication in this way.

After the end of the process, the device will reset the phone line to the device of the cabin, after 3 seconds.



Technical support

For technical support of this product, contact your local distributor or contact Pelekis Electronics.

Pelekis Electronics Contact Info :

Tel. :+30 210 23 23 345

Fax :+30 210 23 86 382

E-mail : info@pelekis.eu

Website : www.pelekis.eu