

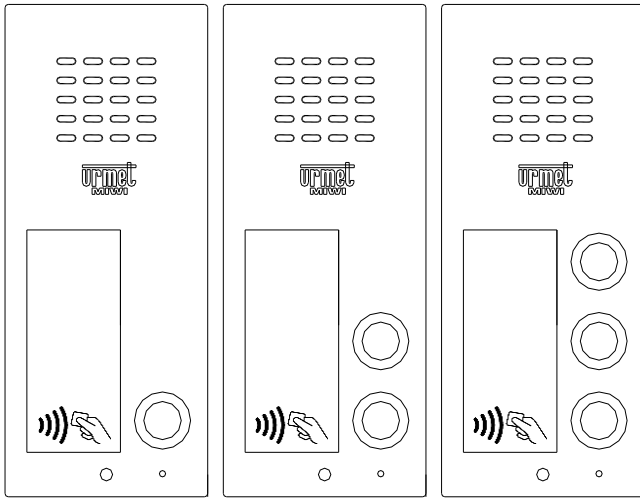


**Speaker's module ELITE with 1 call button and RFID key/card reader  
ref. no. 6025/PR1-RF**

**Speaker's module ELITE with 2 call buttons and RFID key/card reader  
ref. no. 6025/PR2-RF**

**Speaker's module ELITE with 3 call buttons and RFID key/card reader  
ref. no. 6025/PR3-RF**

**SPEAKER'S MODULE REF. NO. 6025/PR1-RF, 6025/PR2-RF, 6025/PR3-RF**



**GENERAL INFORMATIONS**

Speaker's plate is made of stainless steel, vandal-proof degree of protection IK07. Its compact size makes it ideal for mounting on narrow pillars fence. Additional protection is a patent bolt securing the front panel. Speaker's module have 1, 2 or 3 call buttons and the control module based access RFID technology. It supports key-rings and standard RFID cards UNIQUE 125 kHz, eg. **Ref. no. 1052 / KZ or ISO CARD.**

Infor window is highlighted in white flyover made in LED technology. The brightness of the backlight is adjustable. At the time of application programmed before a key fob or card information window backlight turns green and operates the relay. Relay can run eg. Open the gate. The module has configurable audible signal (buzzer). The signaling can be turned off entirely, or set to one of three levels of volume.

Module can connect an external button that will cause the behavior of the module in such a way as during application of the programmed key - so-called "opening button". You can configure the module settings, add, delete and edit keys through software on the PC.

Speaker's module can be mounted in two versions:

- surface-mounted – have to applied housing Ref. no. 6025 / OND-M.
- flush have to applied frame Ref. no. 6025 / RP-OP-M. This is a version without the visor. Very well masks any unevenness hole prepared for the panel.

Speaker's modules ref. no. 6025 / PR1-RF, 6025 / PR2-RF, 6025 / PR3-RF co-operate with the following types of power supplies:

- Version classical: 18A2, 18L1;
- Version witch intercom: 19A2, 19L1.

**OPIS ZŁĄCZ I ZACISKÓW POD PRZEWODY**

441 "plus" microphone amplifier,  
MK "minus" microphone amplifier,  
GL, GL loudspeaker panel

AC, AC power panel

- G GND key generator call signal,
- G1 terminal of the first call button uniphone
- G2 terminal of the second call button uniphone
- G3 terminal of the third call button uniphone
- COM relay common.
- NO relay normally open.
- PH terminal opening button (on closure of the MK).

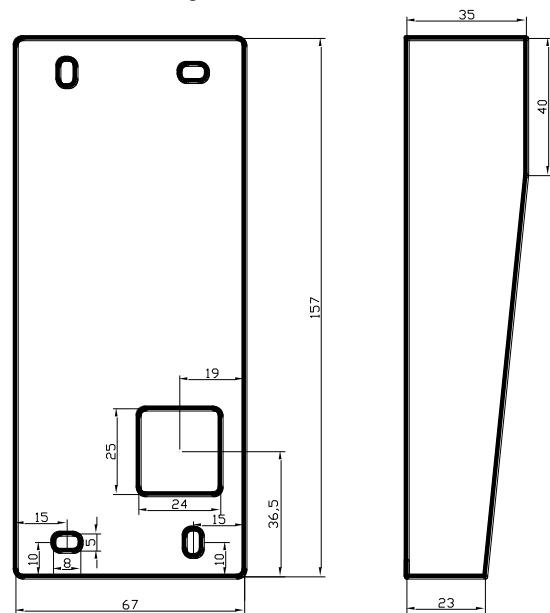
**DANE TECHNICZNE**

Power supply:	12V AC
Working temperature:	-20°C ÷ +45°C
Dimensions with nr. ref 6025/OND-M	157 x 67 x 23 [mm] (without visor) 157 x 67 x 35 [mm] (with visor)
Dimensions with nr. ref 6025/ RP-OP-M	176 x 87 x 23 [mm]
Level of security	IK 07
Weight:	0,18 kg

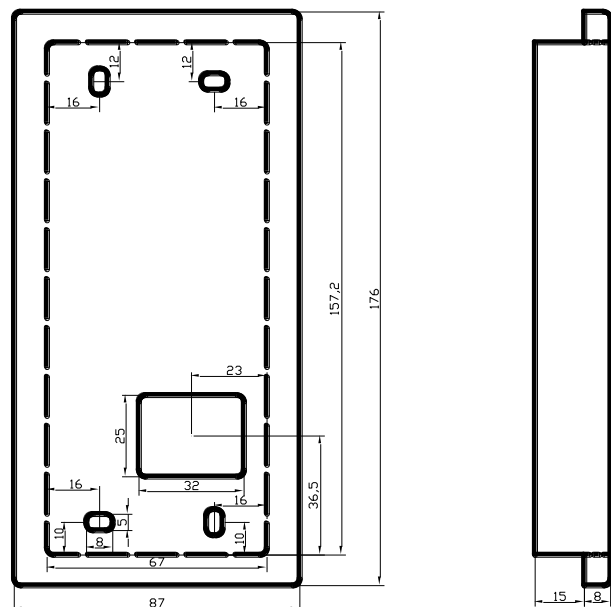
Dimensions of info window: 30 mm x 70 mm

**DIMENSIONS OF CASING**

Surface-mounted housing ref. no. 6025/OND-M



Flush-mounted housing ref. no. 6025/RP-OP-M



## PROGRAMING USING „PROG” BUTTON

This module is used for eg. in analog systems. The keys are stored in the internal memory of the device. After applying the previously stored key/card module change the highlight color from white to green and the relay is "on" for the time specified by the user. In the module can be program maximum 2000 keys.

To enter the menu system select one of two ways:

- hold PROG button for at least 1 second.
- applying to the RFID reader pre-programmed (in the 6-step of the menu system) "MASTER" key.

Then the green LED next to the button PROG starts flashing and steady light every few seconds. LED will flash together with the LED module of the information contained in the front. The blinking green LED signals a definite step in the menu system.

Changing step programming menu:

- short (less than 1 second) pressing PROG
- "MASTER" key application.

In RFID module are seven steps of programming.

To exit the menu system is possible at any time:

- hold PROG for at least 3 seconds.
- Apply the MASTER key after the seventh programming steps.

Automatic exit from the menu system will take place after 60 sec. if there has been no response from the user.

With PC application, you can enable / disable the option to enter the Programming Menu PROG button.

## ADDING A NEW KEY/CARD

The LED flashes cyclically **1 time**.

After affixing the key to the reader follows his reading (signaled by illumination of green LEDs and red LEDs light turns off), and then save it to a memory. In the case of an erroneous entry key will be blinking red LEDs. Flashing red LEDs may be one of three states:

- key is already stored in memory,
- there was an error reading key
- reader's memory is full.

## REMOVAL SINGLE KEY/CARD

The LED flashes cyclically **2 times**.

In this mode, affixing its stored key to the reader will light up green LEDs while extinguishing the red LEDs and remove it from the memory. Flashes red LED indicates that the key was not found written in the memory, or there is an incorrect reading.

## REMOVAL ALL KEYS/CARDS

The LED flashes cyclically **3 times**.

In this mode, followed by the removal of all keys stored in the reader's memory. Quadruple application to the reader any key (stored by the reader or not) will be deleted with the memory of all stored keys.

## ADJUSTING BRITHNESS OF THE BACKLIGHT

The LED flashes cyclically **4 times**.

In this step, applying to the reader any key will increase the brightness of the backlight for 5 levels of brightness. Increasing the brightness occurs at intervals of 0.5 seconds. Once the maximum brightness level drops to its minimum value, and the whole cycle repeats itself.

## ADJUSTING THE TIME OF SWITCHING RELAY

The LED flashes cyclically **5 times**.

The default time of the relay is 1 sec. Each application key to the reader extends the time that the relay by 1 sec. Touchdown key is signaled by momentary lighting up of green LEDs. The maximum duration of the relay is 20 seconds.

## ADDING „MASTER” KEY / INSTALLER PASSWORD

The LED flashes cyclically **6 times**.

In this step, you can add the so-called "MASTER" key. Applying the key to the reader will save that the key as the MASTER key. Only one key can be the key to MASTER. This key can be configured module ref. 5025 / ZK-RF without unscrewing it and pressing the button PROG. More action MASTER key is in the "PROGRAMMING IN STAND-ALONE MODE USING "MASTER" KEY".

## BUZZER VOLUME

The LED blinks cyclically **7 times**.

In this step, you can change the volume of the buzzer. Applying the key to the reader will change the volume of the buzzer. Last played the buzzer volume is stored. To turn off the buzzer, remove the jumper BU.

## PROGRAMMING USING "MASTER" KEY

Application to RFID key/card reader will enter the programming mode. While working in programming mode any another application of MASTER key will change the programming step. After going through the whole cycle of programming menu (7 steps) will exit the programming menu. Active step programming menu flashing LEDs indicate information module. Only in the fourth step of the programming mode - "Adjusting brightness of the backlight" LEDs do not blink.

**Warning:**

**Changing the settings for each step programming menu, make different key than the MASTER key.**

**MASTER key will not turn on the relay as normal key. Record Setting the backlight brightness, buzzer volume and time of the relay takes place only after exiting the programming mode. Adding and deleting keys takes place while application to the module.**

## OPENING BUTTON PH

RFID key/card reader can connect an external opening button. It should be connected into terminals "PH" and "- / ~". Button will turn on the relay the same as application programmed key to the reader.

## JUMPER BU

The jumper is used to enable / disable the buzzer. Founded jumper activates the buzzer. Removed the jumper off the buzzer.

## POWER

Speaker's module must be supplied with AC voltage 12VAC.

**PANEL MONTAGE**

**INSERTING THE LABEL TO INFO WINDOW**

To attach the label information have to:

1. Unscrew with the included wrench the screw that secures the front panel.
2. Remove the lower screw fastening motherboard.



**PHOTO NO. 1**

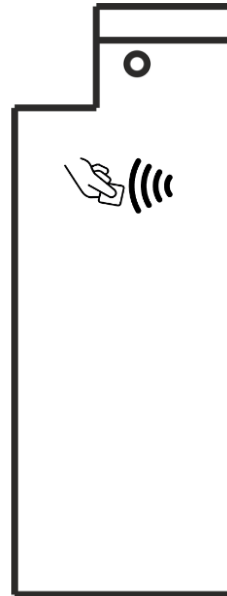
3. Remove the label



**PHOTO NO. 2**

4. In the slot in the faceplate Plexiglas insert the correct label.
5. Tighten the screw that secures the motherboard.

In the original packaging is one additional label.

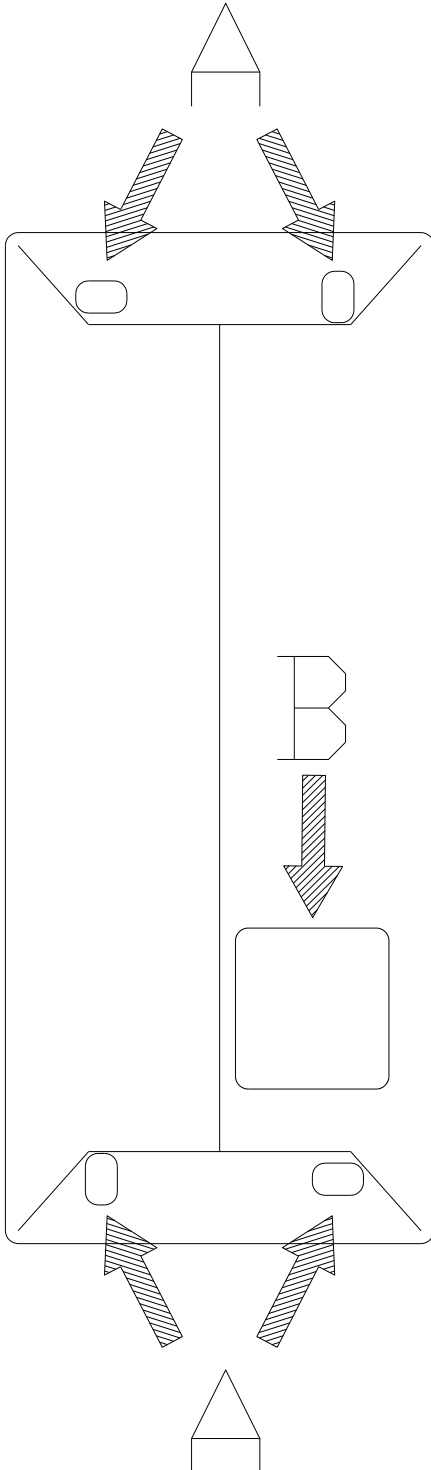


You can download from the website [http://urmet.com.pl/INSTRUKCJE/6025\\_PRx\\_RFID\\_FORMATKA.pdf](http://urmet.com.pl/INSTRUKCJE/6025_PRx_RFID_FORMATKA.pdf) template labels printable version.

**SURFACE MOUNTING**

To install the panel surface-mounted version follow the steps below.

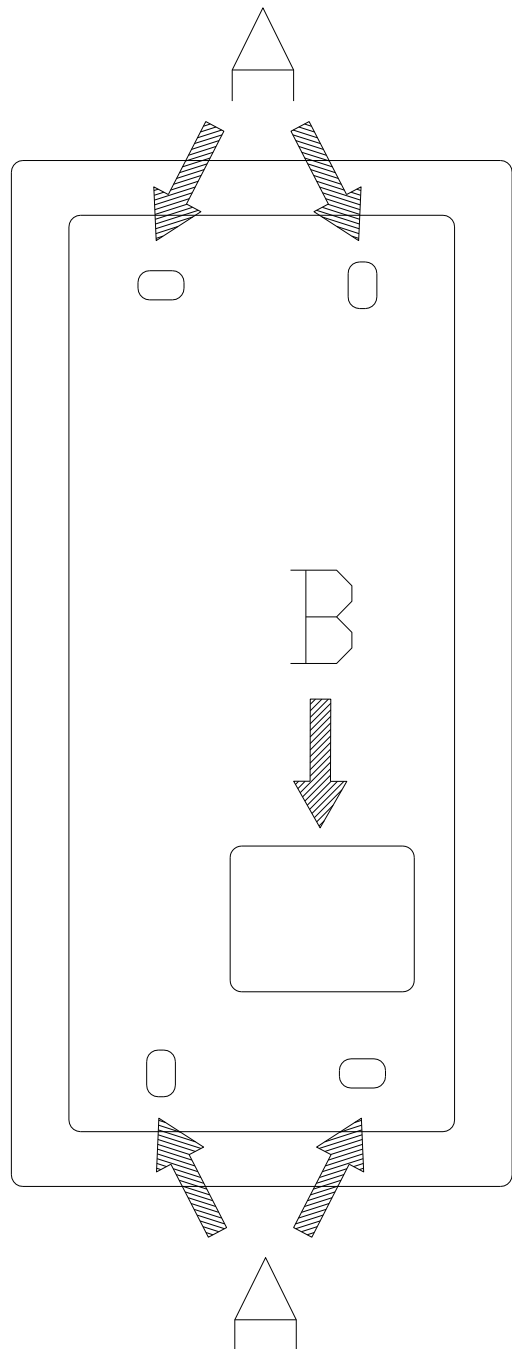
1. Loosen the screw with a key patent secures the front panel.
2. Pass the cable through one of the openings in the rear part B of the box (housing) (Photo below).
3. Screw the box to the ground using the holes A located in the back of the box (Photo below).
4. Connect the wires to the appropriate terminals speaker's module according to the wiring diagram.
5. Close and fasten the faceplate panel.

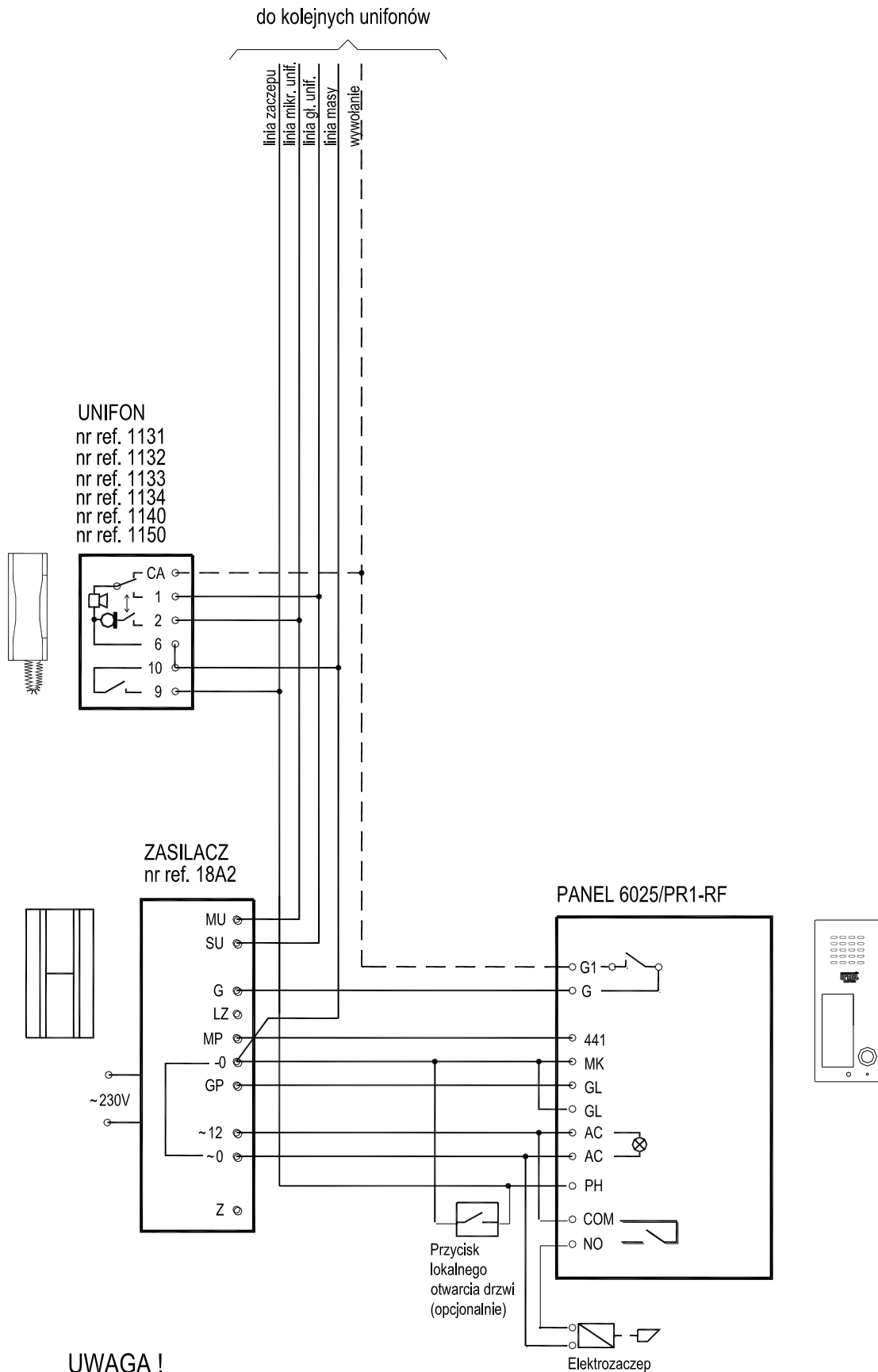


**FLUSH MOUNTING**

To mount the panel-mounted version follow the steps below.

1. Loosen the screw with a key patent secures the front panel. Remove the face plate.
2. Insert the wires connecting using one B of the holes in the back of housing (Photo below).
3. Place housing in the wall (hole).
4. Screw housing to the ground using the holes A.
5. Connect the wires to the appropriate terminals speaker's module according to the wiring diagram.
6. Close and screw on the front panel of the module.



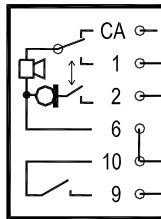
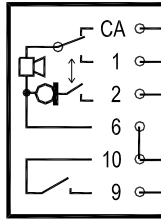


**UWAGA !**

Pomimo tego, iż masy ~0 i -0 są ze sobą połączone wewnątrz zasilacza 18A2, do panelu MUSZĄ być poprowadzone dwiema niezależnymi żyłami przewodu.

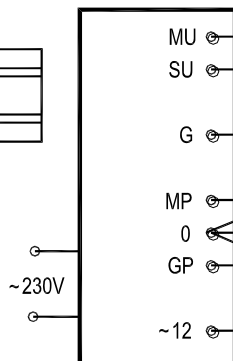
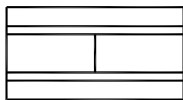
do kolejnych unifonów

UNIFON  
nr ref. 1131  
nr ref. 1132  
nr ref. 1133  
nr ref. 1134  
nr ref. 1140  
nr ref. 1150

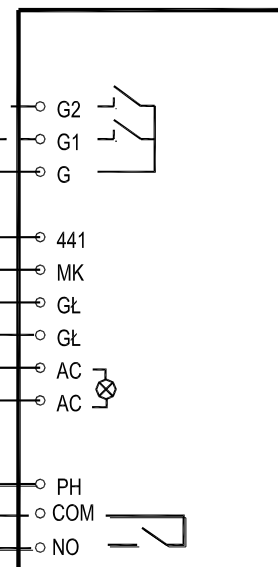
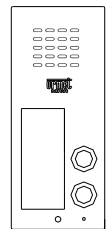


linia zaczeptu  
linia mikr. unif.  
linia gl. unif.  
linia masy  
wywołanie

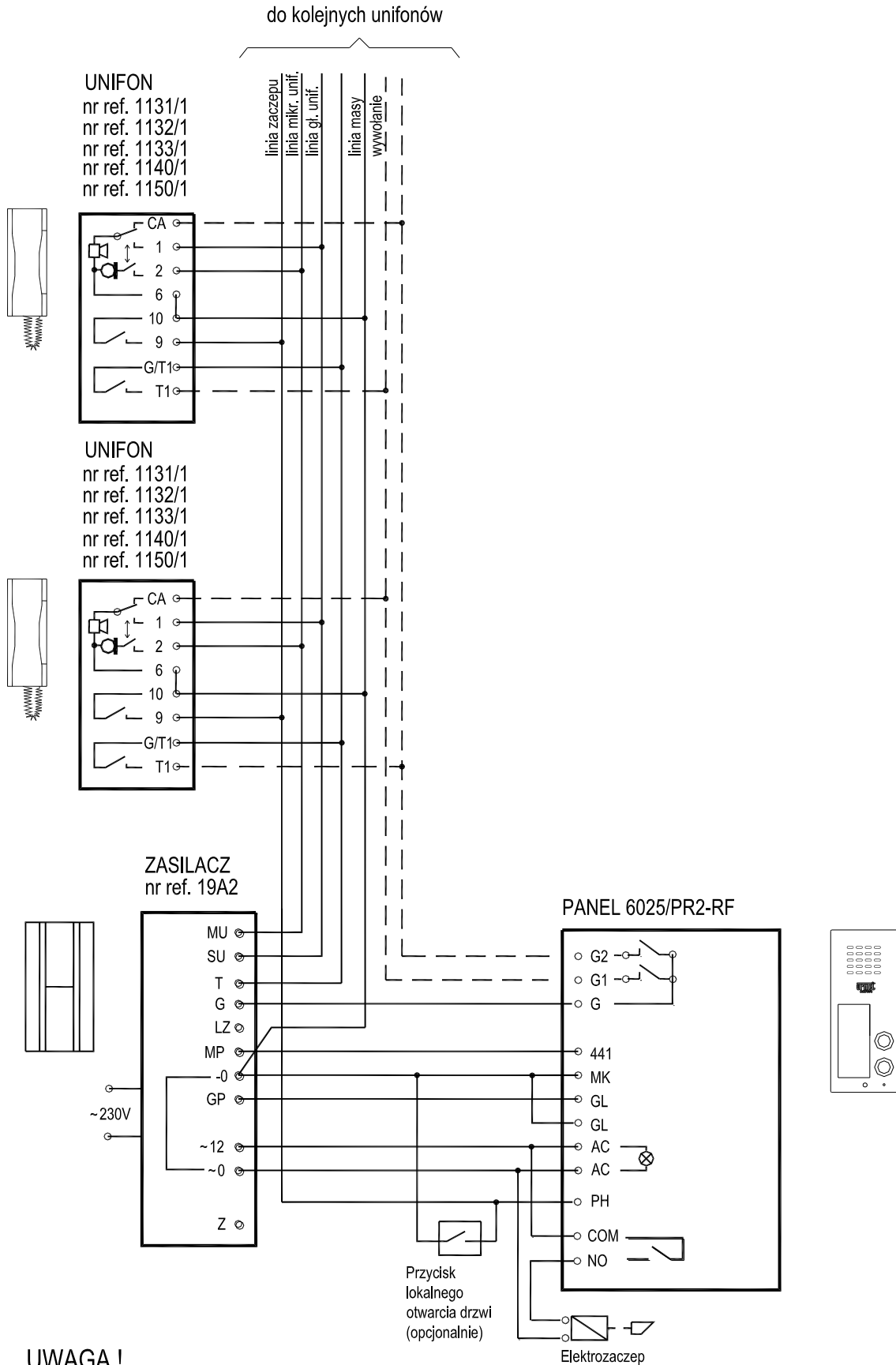
ZASILACZ  
nr ref. 18L1



PANEL 6025/PR2-RF



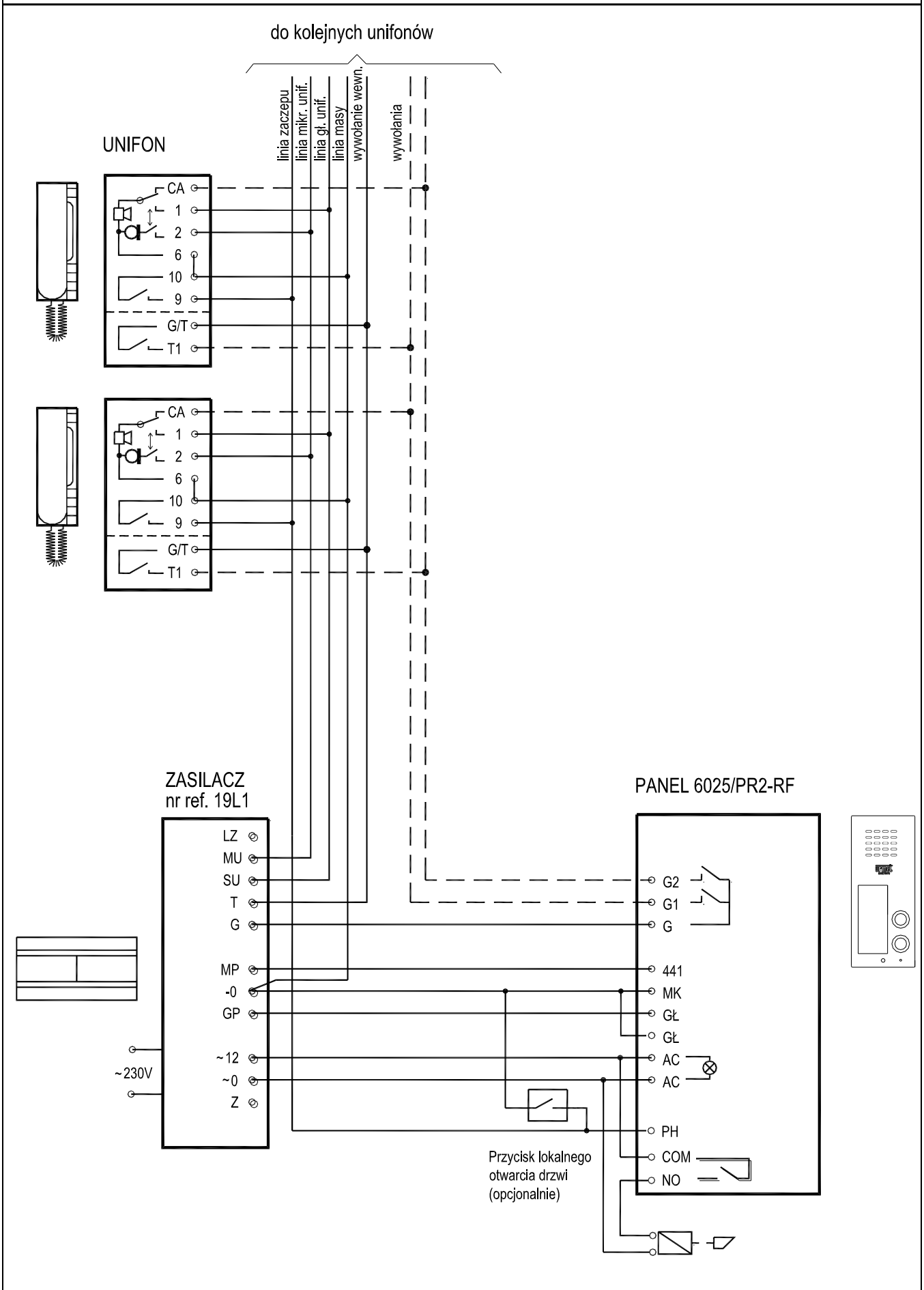
Przycisk lokalnego  
otwarcia drzwi  
(opcjonalnie)



**UWAGA !**

Pomimo tego, iż masy ~0 i -0 są ze sobą połączone wewnątrz zasilacza 19A2, do panelu MUSZĄ być poprowadzone dwiema niezależnymi żyłami przewodu.









MIWI-URMET Co. Ltd.  
Pojezierska 90A  
90-341 Lodz, Poland  
tel: 004842 616 21 00  
fax: 004842 616 21 13  
e-mail: [miwi@miwiurmet.pl](mailto:miwi@miwiurmet.pl)  
<http://www.miwiurmet.pl>



The symbol of the crossed out wheeled bin indicates that the product (electrical and electronic equipment) should not be placed in municipal waste. Please check local regulations for disposal of electronic products.

---