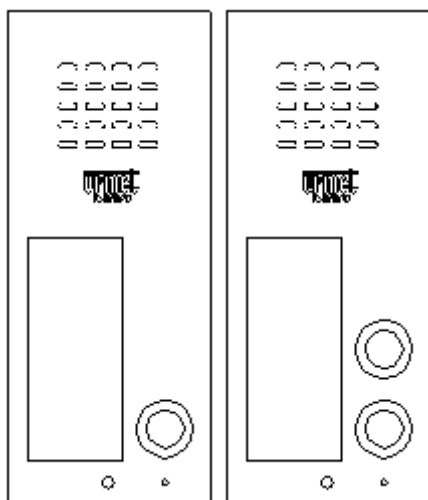# DOORPHONE ANALOG SET WITH PANEL ELITE (flush mounting) AND UNIPHONE SIGNO

6025/401
6025/402
6025/441
6025/442

SPEAKER'S MODULE REF. NO. 6025/PR1 6025/PR2

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 call buttons and the control module.

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, 6025 / PR2co-operate with the following types of power supplies:
  - Version classical: 18A2, 18L1;
  - Version witch intercom: 19A2, 19L1.

-

CONNECTORS DESCRIPTION

- 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
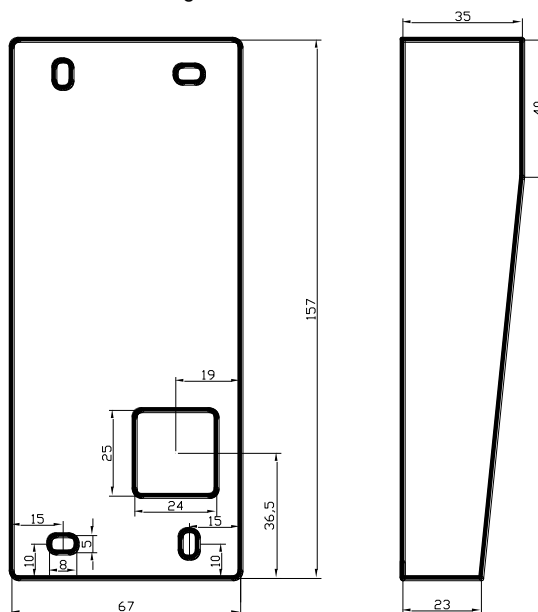
- G2   terminal of the second call button uniphone

TECHNICAL DATA

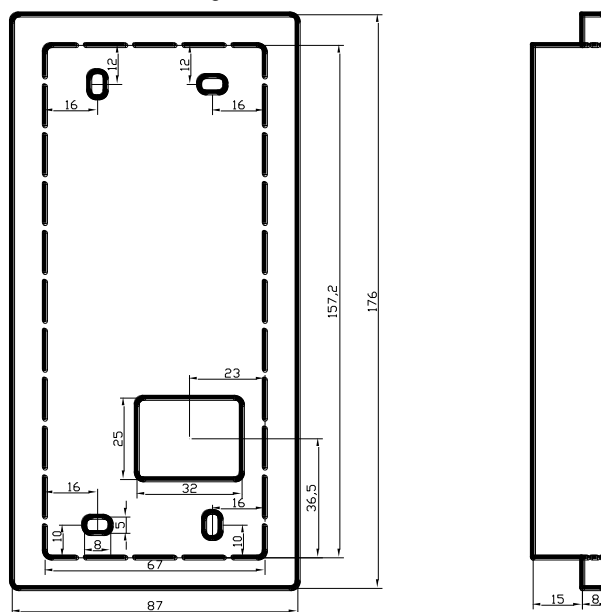| Power supply:	12V AC
Working temperature:	-20°C ÷ +45°C
Dimensions with **nr. ref 6025/OND-M**	157 x 67 x 23 [mm] (without visor) 157 x 67 x 35 [mm] (with visor)
Dimensions with **nr. ref 6025/ RP-OP-M**	176 x 87 x 23 [mm]
Level of security	IK 07
Weight:	0,18 kg

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**

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.

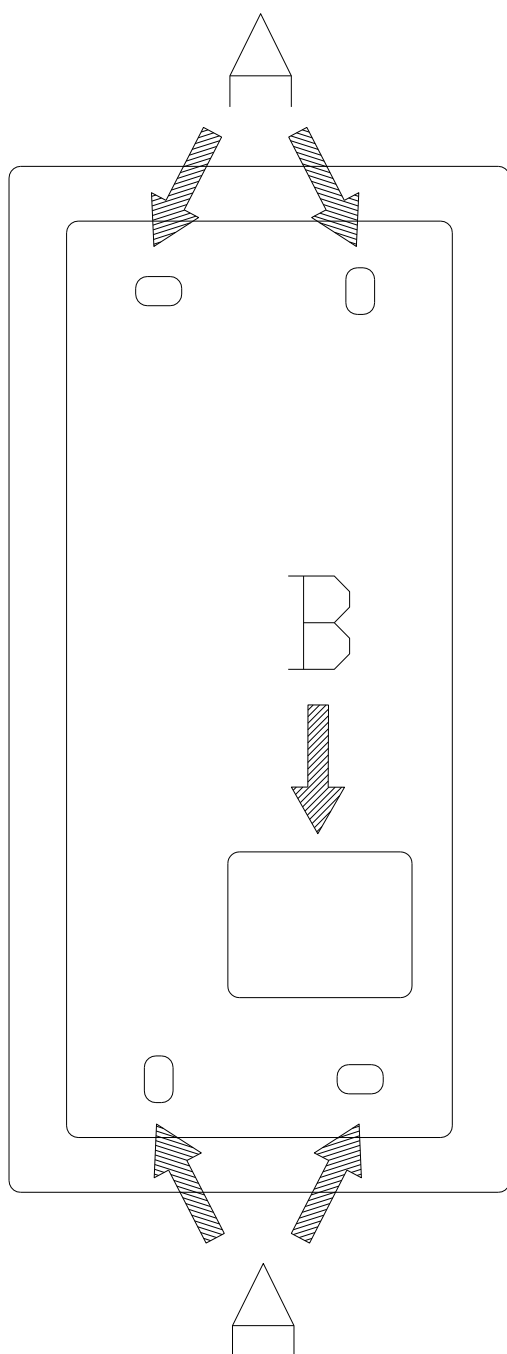In the original packaging is one additional label.

You can download from the website http://urmet.com.pl/INSTRUKCJE/6025_PRx_FOR MATKA.pdf template labels printable version.
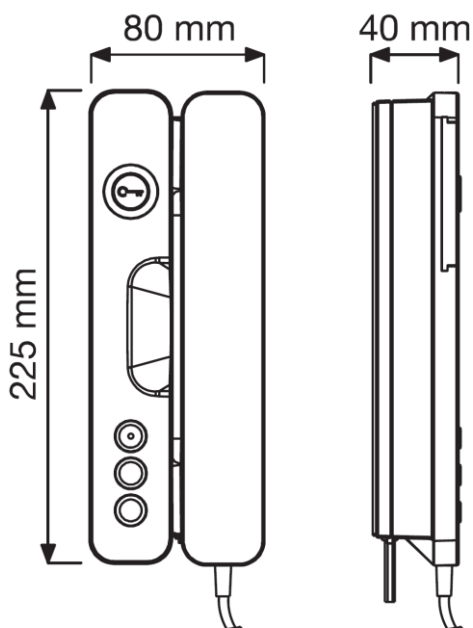
FLUSH MOUNTING

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.

UNPHONE "SIGNO" NR REF. 1140/1 (white), 1140/41 (black)
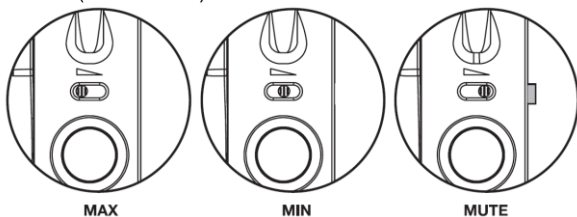

80 mm   40 mm

225 mm

Rys. 1 Dimensions

The uniphone is designed to work in 4 + n analogue doorphone systems. Uniphone with reference number: 1140/1 is available in white. It is equipped with a door open button, one additional button and the option to buy two more function buttons.

1140/41 is in black. It is equipped with a door open button and three additional function buttons.

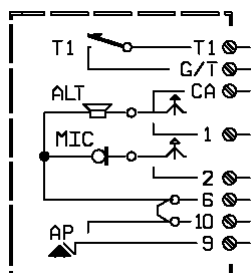The function buttons are independent of each other and can be used for various additional functions, e.g.

• calling another uniphone (intercom - no such function in the set),

• lighting in the staircase,

• opening the second electrolock or gate.

Signo Unifon has the option of adding a volume call control ref. 1140/53 (not included)

MAX   MIN   MUTE

Rys. 2 Volume call control

CONNECTORS DESCRIPTION

Inside the uniphone, after removing its housing on the PCB, there is a terminal strip used to connect the camera to the system. The function buttons have independent contacts.
Description of terminals:

T1, T2. T3 terminals for function keys
G / T terminals for function keys
CA call,
1 speaker line,
2 microphone line,
6, 10 mass,
9 electric lock line

UNIPHONE NR REF. 1140/1 , 1140/41

MONTAGE

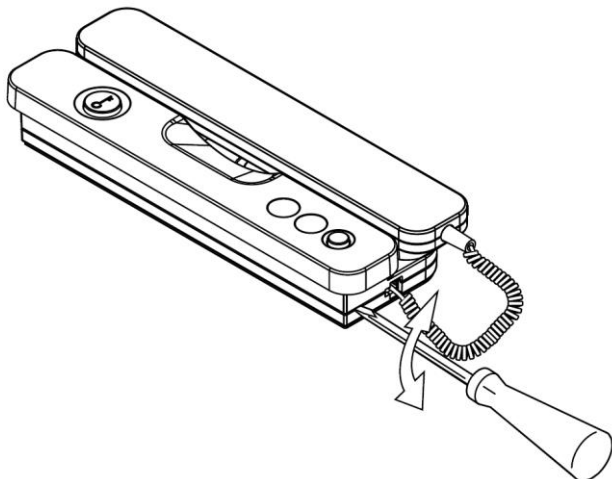**urmet**
DOMUS

urmet
MIWI

INSTALATION

SIGNO can be mounted on a wall

WALL MOUNT

It is advisable to install the uniphone at such a height that the highest part of the device is at a height of 1.55 m from the ground

To mount a uniphone in a hanging version, follow the steps below.

1.Remove the uniphone housing by releasing plastic latches using a screwdriver blade (Fig. 4).
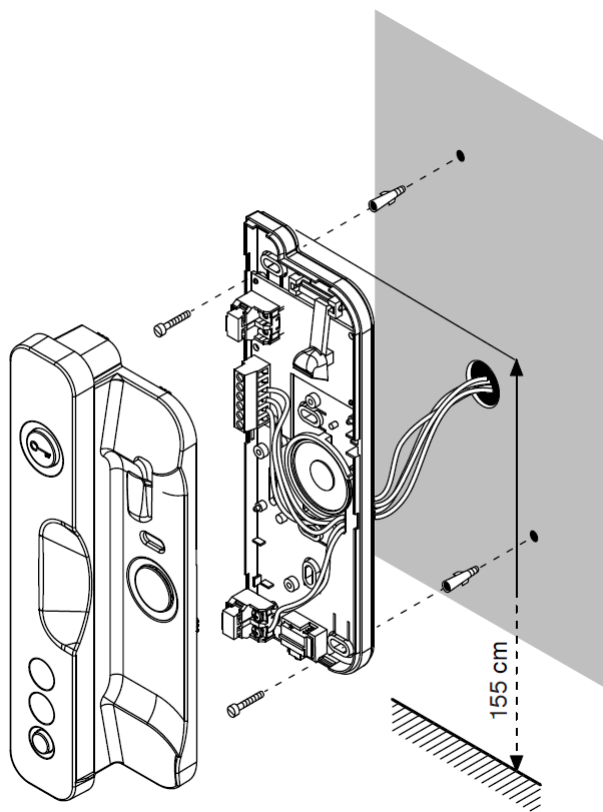

Rys. 3 way of opening the uniphone housing

2. Attach the uniphone to the wall using two dowels supplied with the uniphone (Fig. 5).

3. Route the wires through the hole in the back of the uniphone.

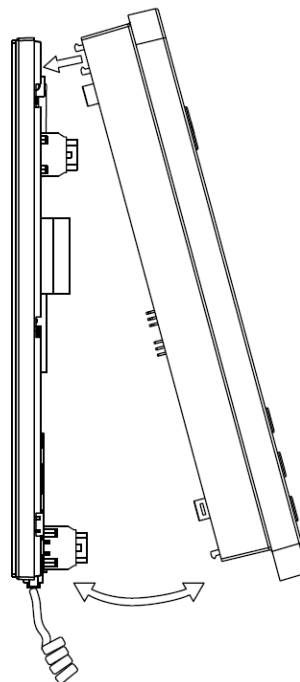4. Cut the wires to the required length and isolate their ends.

155 cm

Rys. 4 montage of the SIGNO uniphone

122/5000

5.Connect the cable ends to the appropriate terminals of the uniphone connector.

6. Reconnect both housing parts (Fig. 6).

Rys. 5 Fig. 6 way of closing the housing

POWER SUPPLY UNIT REF. 18A2

BASIC FEATURES

Power supply unit **ref. 18A2** it is a part of house phone system. Apart from power supply unit, each house phone system must consist of:

entrance panel with suitable loudspeaking unit and push buttons.

Power supply unit **ref. 18A2** it is a product from the latest generation of power supply units produced by MIWI-URMET. It is equipped with overload protection and special circuit which is responsible for quiet call signal heard in entrance panel during the call (call feedback). The additional triac is used to release electric lock.
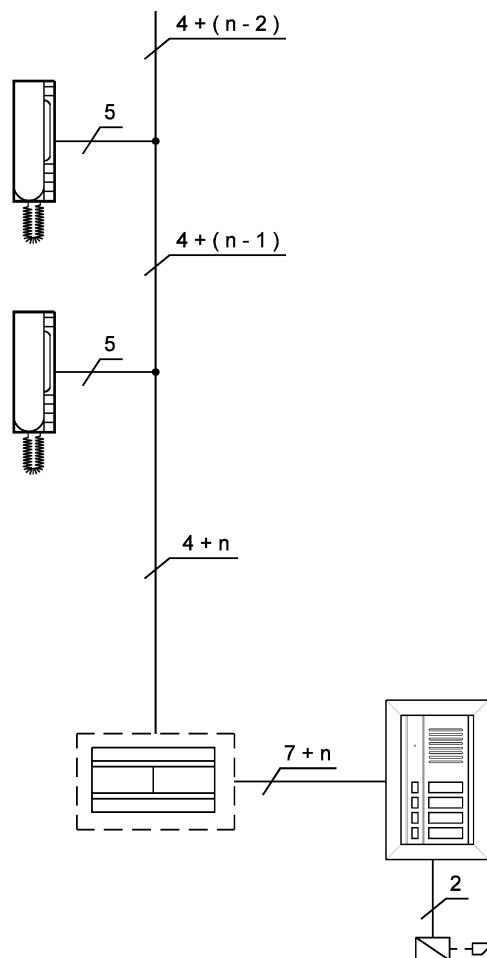
TERMINALS DESCRIPTION

~12 voltage 12Vac used to backlight or to release electric lock,

~0 ground for voltage12Vac;

–0 ground;

MU microphone output for house phones;

SU loudspeaker output for house phones;

GP loudspeaker output for entrance panel;

MP microphone output for entrance panel;

G tone generator;

LZ door lock release line for house phones;

Z electric lock;

SETTINGS

The power supply **ref. 18A2** is equipped with 2 potentiometers for adjusting external (on the right) and internal volume (on the left).

Exchanging of the fuse is possible after taking the cover of power supply off. Remember to switch off the mains before performing this operation.
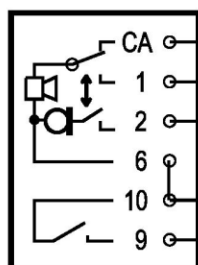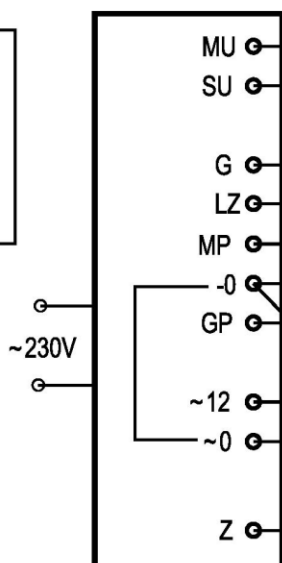
BLOCK DIAGRAM

n = number of house phones

TECHNICAL SPECIFICATIONS

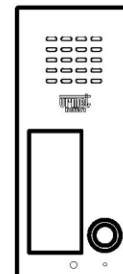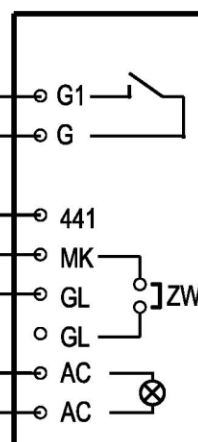| Power supply	230 V a. c. 50/60 Hz
Power	10 VA
Working temperature	-5°C ÷ +45°C
Min. Resistance for tone generator	> 20 Ohm
Protection	fuse T100mA
Dimensions (L x W x D)	106 x 90 x 66 mm (6 DIN) – without external cover 110 x 130 x 66 mm – with external cover

urmet
D O M U S

urmet
MIWI

UNIFON
nr ref. 1140/1
nr ref. 1140/41

| CA |
| 1 |
| 2 |
| 6 |
| 10 |
| 9 |

ZASILACZ
nr ref. 18A2

PANEL 6025/PR1

| MU |
| SU |
| G |
| LZ |
| MP |
| -0 |
| GP |
| ~12 |
| ~0 |
| Z |

~230V

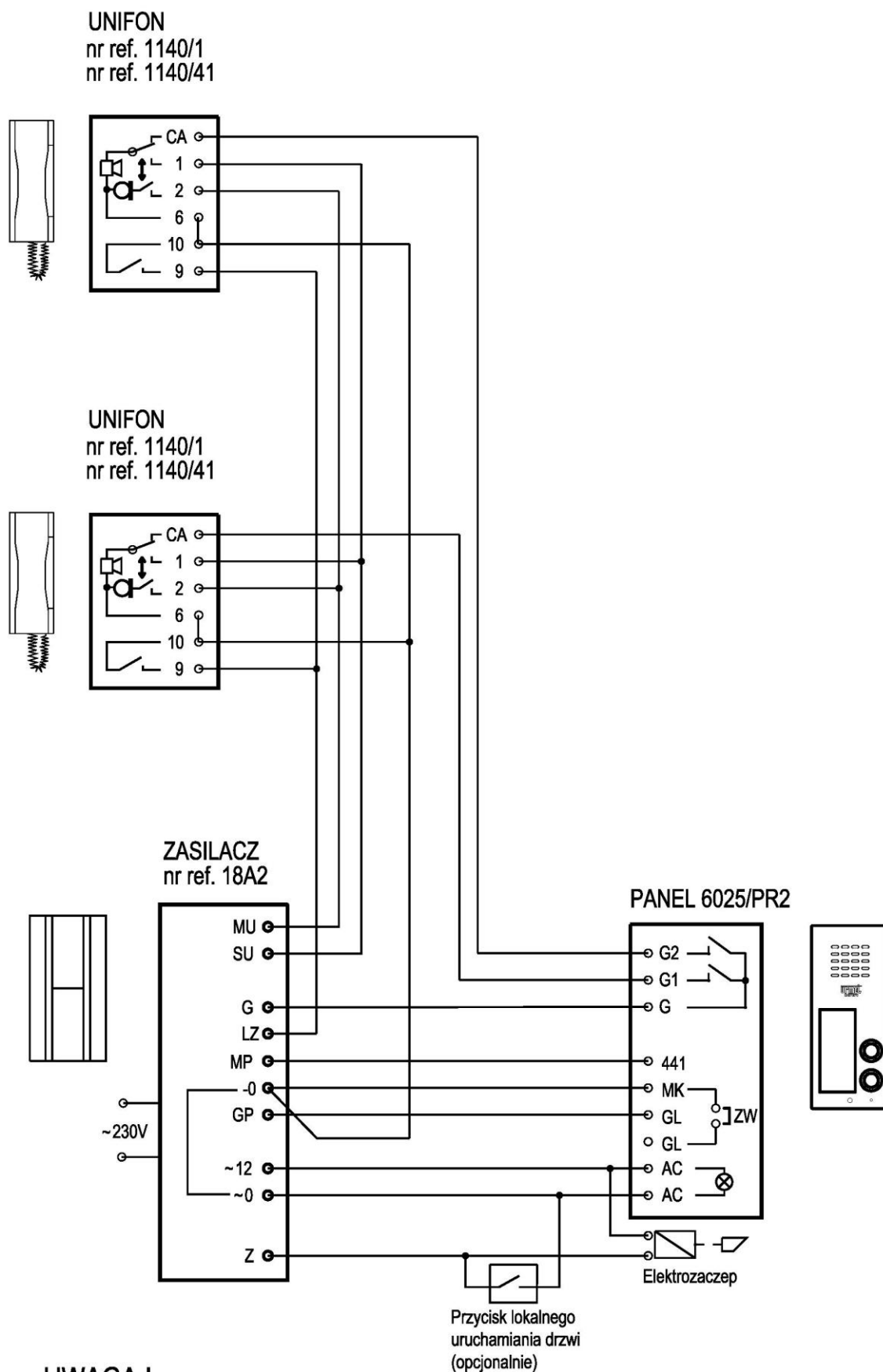| G1 |
| G |
| 441 |
| MK |
| GL | ZW |
| GL |
| AC | ⊗ |
| AC |

Przycisk lokalnego
uruchamiania drzwi
(opcjonalnie)

Elektrozaczep

UWAGA !

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

UNIFON
nr ref. 1140/1
nr ref. 1140/41

CA
1
2
6
10
9

UNIFON
nr ref. 1140/1
nr ref. 1140/41

CA
1
2
6
10
9

ZASILACZ
nr ref. 18A2

PANEL 6025/PR2

MU
SU
G
LZ
MP
-0
GP
~230V
~12
~0
Z

G2
G1
G
441
MK
GL
GL
ZW
AC
AC

Elektrozaczep

Przycisk lokalnego
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9

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