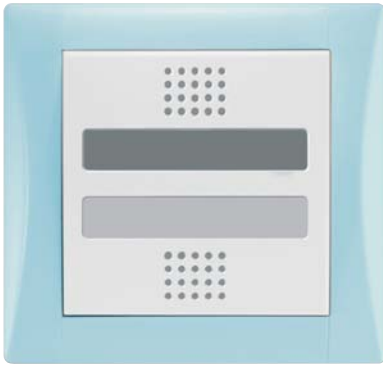
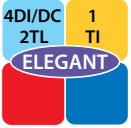


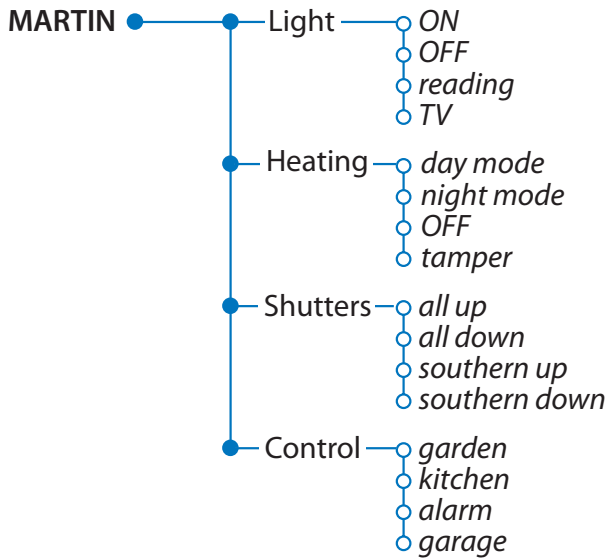
Multifunction unit SOPHY2/SOPHY2 L



INELS PRODUCTS

- Voice control**
 It represents top comfort of INELS system. In-built voice processor is able to detect up to 4 different users (voices), up to 4 commands for each of them, and 4 subcommands for every command .

Example of control by voice:



- Temperature measuring**
 In-built thermo sensor senses temperature in a required area, it can be used for heating and cooling regulation.

Device description

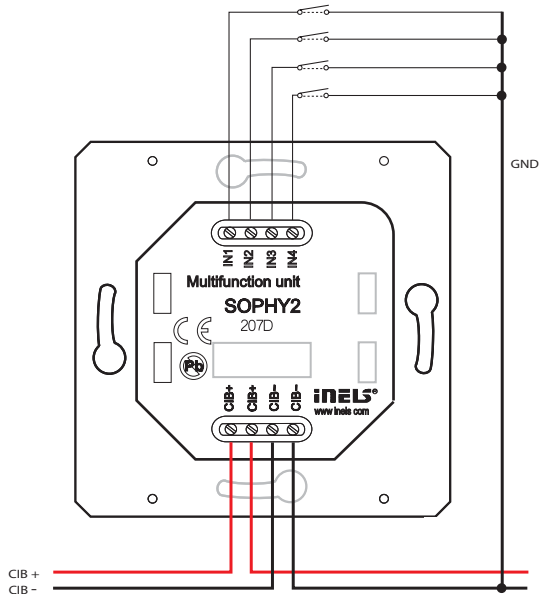
Multifunction unit Sophy2 includes:

- Human voice sensor
- Thermo sensor
- Sensor for ambient light intensity
- Infrared (IR) receiver signal
- Infrared (IR) transceiver signal
- 1 two-state button
- 4 universal inputs controlled by potential-free contacts
- Speaker
- Due to these inputs (sensors) it is possible to control all actuators (appliances) in the system connected to BUS of INELS system.

SOPHY2 L - version without human voice sensor.

- Ambient light intensity detection**
 In-built sensor senses ambient light intensity and on the basis of this information it is automatically able to switch light or control Venetian blinds etc.
- Infra-red (IR) signal receiver**
 In-built IR receiver enables receiving commands from most remote controllers that are used for home electronics control (TV, DVD, HIFI, VIDEO ...). By using unused buttons of remote controller, it is possible to control various actuators (appliances) connected to the system.
 As an accessory we can deliver a universal remote controller which can be used not only for controll of INELS devices, but also for other home electronics.
- Infra-red (IR) signal transceiver**
 In-built IR signal transceiver enables transmission of commands, and also device control as for example a standard remote controller. It is necessary to direct it properly to a controlled unit (sight distance).
- Switch controller**
 In upper and lower part of controlling area (front cover) there are micro-switches (as well as on WSB controllers). These can control various actuators (appliances) connected to the system.
- 4 universal inputs**
 Sophy2 enables connection of up to 4 potential-free contacts from external devices (e.g. PIR sensors, standart switch button...) connected to the system.
- Sophy2's design is drawn into Elegant design and it is designated for mounting into a wiring box.

Connection



Technical parameters:

Inputs

Input:	4 x NO or NC against GND (-)
Temperature measuring:	YES, in-built thermo sensor
Light sensor:	YES
Light sensing range:	1 - 50 000 lx
Voice control:	YES, SOPHY2 (SOPHY2-L NO)
Frequency sensing range:	50 Hz - 16 kHz
Sensitivity:	46 dB
Number of controlling buttons:	2
Indication of functions:	red, green LED

Communication

Data BUS:	CIB BUS
IR receiver:	YES
IR transceiver:	YES
IR detection angle:	± 45° of spatial
IR wave length:	950 nm
IR range:	according to used device

Power supply

Supply voltage/rated current:	27 V DC/60 mA, from CIB BUS
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Connection

Connection:	terminals
Max. wire size:	0,5 mm ² - 1 mm ²

Operating environment

Operating temperature:	-20 .. +55 °C
Storage temperature:	-30 .. +70 °C
Protection degree:	IP 20
Overvoltage category:	III.
Pollution degree:	2
Operating position:	any
Installation:	into wiring box

Size and weight

Size:	84 x 89 x 30 mm
Weight:	84 g