

SFERA NEW - SFERA ROBUR
Keypad module

353000

Description

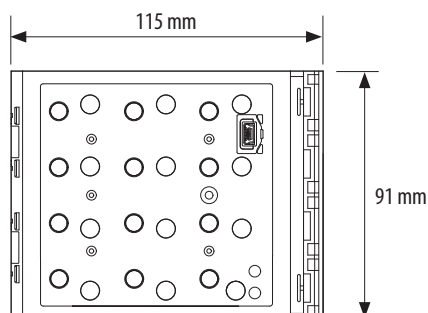
Door lock release keypad module. It is fitted with relay with contacts (C – NC – NO) and clamps (CP- P1 – P2) for the connection of a local door lock release pushbutton. The numerical code for the opening of the door lock can be programmed using the keypad itself, or using a PC after downloading the module programming file. It also has a programming reset pushbutton and LEDs for the visual notification of the access status. Night backlighting with LEDs. To be completed with surround plate. It is connected to the other modules using the appropriate multicable supplied. The device may also be used as a stand alone unit with independent power supply and operation. Configuration performed using physical configurators, or a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com.
Only for the French market: the device can be integrated in Vigik access control systems.
 In this case it is possible to program and manage the door lock release codes using devices for the management of the access control system:

Related items

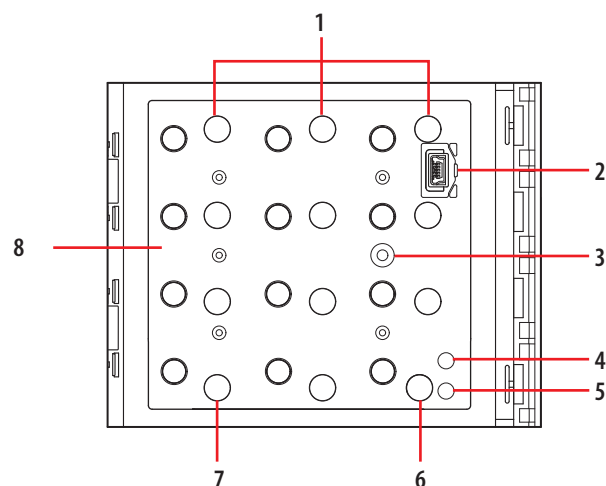
353001	Sfera New keypad front cover - Allmetal (IK 08)
353002	Sfera New keypad front cover - Allwhite (IK 08)
353003	Sfera New keypad front cover - Allstreet (IK 08)
353005	Sfera Robur keypad front cover - (IK 09)

Technical data

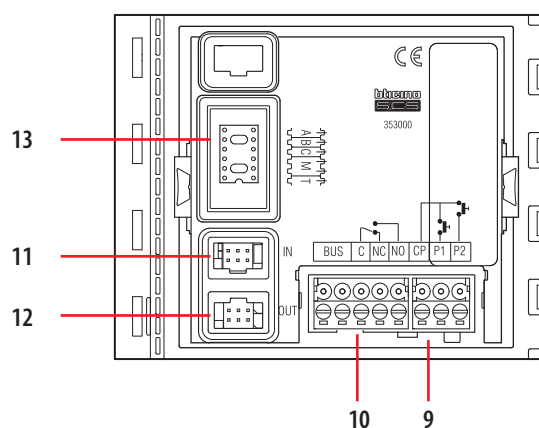
Power supply from SCS BUS:	18 - 27 Vdc
Stand by absorption (with backlighting LEDs off):	10 mA
Stand by absorption (with backlighting LEDs on):	25 mA
Max. operating absorption:	45 mA
Operating temperature:	(-25) – (+70) °C
Protection index (pushbutton panel assembled):	IP 54

Dimensional data


Front view



Rear view


Legend

- LEDs for night backlighting
- Mini-USB connector for the connection to the PC: download/upload the configuration and device firmware update
- RESET pushbutton
- Red LED for access status notification Red LED ON = access denied
- Green LED for access status notification Green LED ON = access granted
- Cancel pushbutton (C)
- Pushbutton for the selection of the door lock release code
- Numeric keypad used for entering the codes
- Plug-in clamps (CP – P1 P2) for connection of the additional local pushbutton
- Plug-in clamps (C – NC – NO) for local relay contacts and connection to the 2 WIRE SCS BUS
- Connector for the connection to subsequent modules
- Connector for the connection to previous modules
- Configurator socket

Configuration

The configuration of the device is different depending on the type of installation:

- **Device installation inside a SFERA NEW pushbutton panel in 2 WIRE SCS systems.**
- **Device installation inside a SFERA NEW pushbutton panel in access control systems (French market only)**
- **Installation as STAND ALONE device**
- **Installation as STAND ALONE device in access control systems (French market only)**

In every case, the configuration can be performed in two ways:

- **Mode 1 - with physical configurator connection**
- **Mode 2 - with PC and software**

Mode 1

Mod 1 requires the physical connection of the configurators to their sockets.

PHYSICAL CONFIGURATION FOR INSTALLATION WITH A SFERA NEW EP:

A + B + C - NOT USED

M - Operating mode - NOT USED

T - Local relay time delay – NOT USED

(the time delay of the local relay is set by the T configurator connected to the speaker module or to the audio video module used).

PHYSICAL CONFIGURATION FOR INSTALLATION WITH SFERA NEW EP INTEGRATED WITH ACCESS CONTROL

A + B + C – Progressive address of the device

Configure the ABC address of the device following the installation rules found in the technical documentation of the Vigik access control system with central unit 348040.

M – Operating mode

M = 2 – Device in access control mode controlled by central unit 348040

T – Local relay time delay - NOT USED

(the relay time delay is set by the T configurator connected to the access control central unit 348040).

PHYSICAL CONFIGURATION IN STAND ALONE INSTALLATION:

A + B + C - Progressive address of the device

The configurators connected to the A B C sockets assign a progressive address to the device inside the system (range 000 – 999).

Example : A+B+C = 003 - device 003 of the system.

M - Operating mode - NOT USED

T – Local relay time delay

The configurator connected to T sets the relay closing time delay as shown in the following table:

Configurator	0 = no configurator	1	2	3	4	5	6	7
Contact closing time	4"	1"	10"	20"	40"	1'	1.5'	3'

PHYSICAL CONFIGURATION FOR STAND ALONE INSTALLATION WITH ACCESS CONTROL:

A + B + C – Progressive address of the device

Configure the ABC address of the device following the installation rules found in the technical documentation of the Vigik access control system with central unit 348040.

M – Operating mode

M = 2 – Device used to enter access codes, managed by the access control central unit 348040

T – Local relay time delay

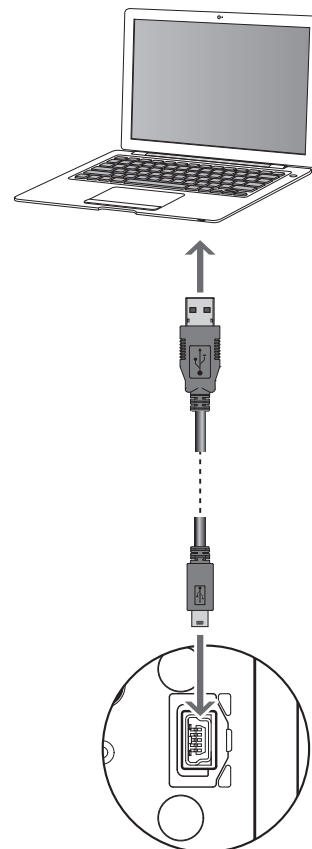
(the relay time delay is set by the T configurator connected to the access control central unit 348040).

Mode 2

Mode 2 requires advanced configuration of the device, performed using a PC and the specific software, which can be downloaded free of charge from the site:

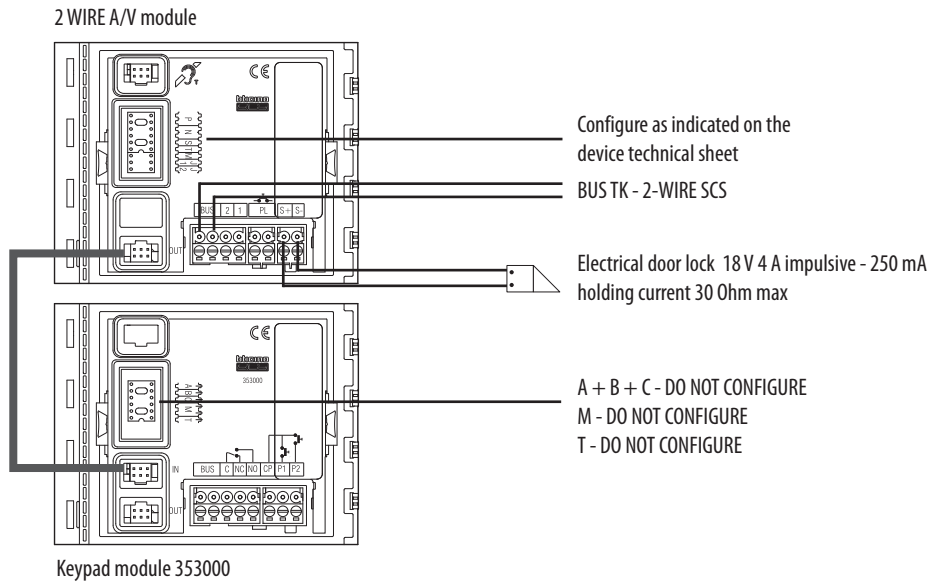
www.homesystems-legrandgroup.com.

For the connection to the PC use a USB - mini USB cable. The software gives the possibility of configuring, programming, and updating the firmware of the module. The presence of the mini USB connection of the front of the module gives the possibility of performing these operations without the need to disassemble the device.



Wiring diagram- Installation with SFERA NEW EP

Example of installation of the keypad module inside a 2 WIRE SFERA NEW pushbutton panel with SCS BUS NOT CONNECTED to the keypad module



NOTE: connected in this way, the keypad module only controls the opening of the door lock associated to the SFERA speaker module, but does not allow to make door entry system calls. In order to also make door entry system calls using the keypad, the keypad must be used together with the SFERA 352500 display module.

Wiring diagram- STAND ALONE installation

Example of STAND ALONE installation connection with the SCS BUS connected to the keypad module.

