smart-house Keypad

BACC-KEYPAD-DC

smart-house keypad for building access control and alarm control

5 fixed addresses

Indoor or outdoor applications

GENERAL SPECIFICATIONS

Channel coding	Not possible – pre-coded to 5 fixed addresses, see channel table below
Indications	3 LEDs, one yellow and two dual colour red/green LEDs. The behaviour of the three LEDs is user configurable. Built-in buzzer.

Environment

Degree of protection	IP67
Operating temperature	-15 – 60 C°
Storage temperature	-30 – 80 C°
Humidity (non condensing)	100%

Dimensions

Without frame 130 x 50 x 8 mm

Number of wires	4-wire cable, 8 m length

SUPPLY SPECIFICATIONS

Power supply	9-17 V DC
Current consumption	max. 100 mA

TYPE SELECTION

Ordering no.	BACC-KEYPAD-DC Supplied with: two panel fronts, one black and one white, and one white frame

MODE OF OPERATION

Being equipped with 5 pre-defined addresses, the keypad can be used to control more events in the building, e.g. alarm arming/disarming including zone alarm, doorbell, switching of appliances etc.

The keypad is operated by the user by pressing the keys from 0-9, the hash (#) and the bell (🔔) symbol. Different codes can be selected for different users, and codes can be added, modified and deleted.

The LED's are used for indication of different signalling when the keypad is operated, and the red and green LED's can also be controlled by two Dupline addresses. By configuration change, the behaviour of the LEDs can be set to other combinations. See the user manual for overview.
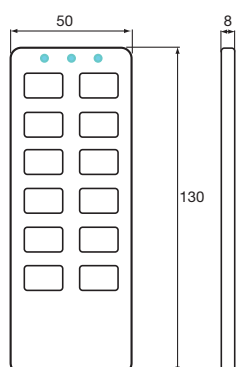
The buzzer signals when a key is pressed, and gives also a signal whenever other keypad events occur, e.g. correct code entered, wrong code entered etc. The buzzer can also be accessed by Dupline address B7.

Configuration is also done by keying in new values on the keyboard, either directly, or by first removing power to the unit (selectable).

Address	Function
B3	Output as a result of an operation of the bell key, or code accepted 2 if multi-access control is selected
B4	Code accepted address, or code accepted 1 if multi-access control is selected
B5	Address of the red LED (top middle)
B6	Address of the green LED (top right)
B7	Address of the buzzer

The user manual gives a complete setup of the keypad.

DIMENSIONS

WIRING DIAGRAM

BACC-KEYPAD-DC

Red=	Power supply positive (+)
Black=	Power supply negative (-)
Yellow=	smart-house bus positive (D +)
Blue=	smart-house bus negative (D -)

Red
Black
Yellow
Blue