AVEbus multifunction contacts interface with 6 channels

It can be used both in smart homes and in the call systems for nursing homes, the ABIN06 device is an interface for 6 dry contact inputs and 3 LED outputs with installation at the bottom of the box.

AVEbus multifunction contacts interface ABIN06 is developed to offer maximum flexibility. Equipped with 6 dry contact inputs and 3 LED outputs, this device is able to communicate with the **lights, shutters, technological alarms** actuators and the peripherals of the **call system for the nursing homes**, further corroborating the AVE proposal in this sector and also adapting to the different needs for the **management of automations** inserted in smart homes and systems equipped with the **DOMINA Smart IoT system.**

ABIN06 interface is also versatile from an installation point of view: it can be set in a **flush-mounted box** behind the push-button, or connected to the DIN rail of a junction box or electrical panel, or to any suitable support, using the two side tabs with holes for the screws. The connection to AVEbus can be made directly from the bus terminal blocks on the front of the device. The **inputs and outputs** are connected using conductor wires, approx. 15 cm long, following the connection wiring diagram printed on the product. The conductors can be extended up to a maximum of 20 m using shielded, twisted cable.

The ABIN06 device has six inputs divided into three groups of two inputs each: CH1-CH2, CH3-CH4, CH5-CH6. Each of these groups can serve to interface two control inputs or one alarm input; in the latter case, the first channel of each group (1,3,5) is the alarm input while the second (2,4,6) is the input for local reset of its respective alarm. The black GND wire is common to all inputs. The device also has **three outputs** that can connect external LED signals[**]. Each output is matched, respectively, to one of the three input groups: LED A with CH1 - CH2, LED B with CH3 - CH4 and LED C with CH5 - CH6.

Easily configurable, the **ABIN06 multifunction contacts interface** excels in terms of flexibility and versatility for the home automation management, lighting, dimmers, technical alarms and scenarios. The device can also be used in the **call system for the nursing homes**, both for single call and in the case of call with also room light management. Through this product it's thus possible to satisfy the most common installation needs, further increasing the application's flexibility of the **AVE DOMINA Smart IoT** home automation system.

Rezzato, September 24, 2021

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