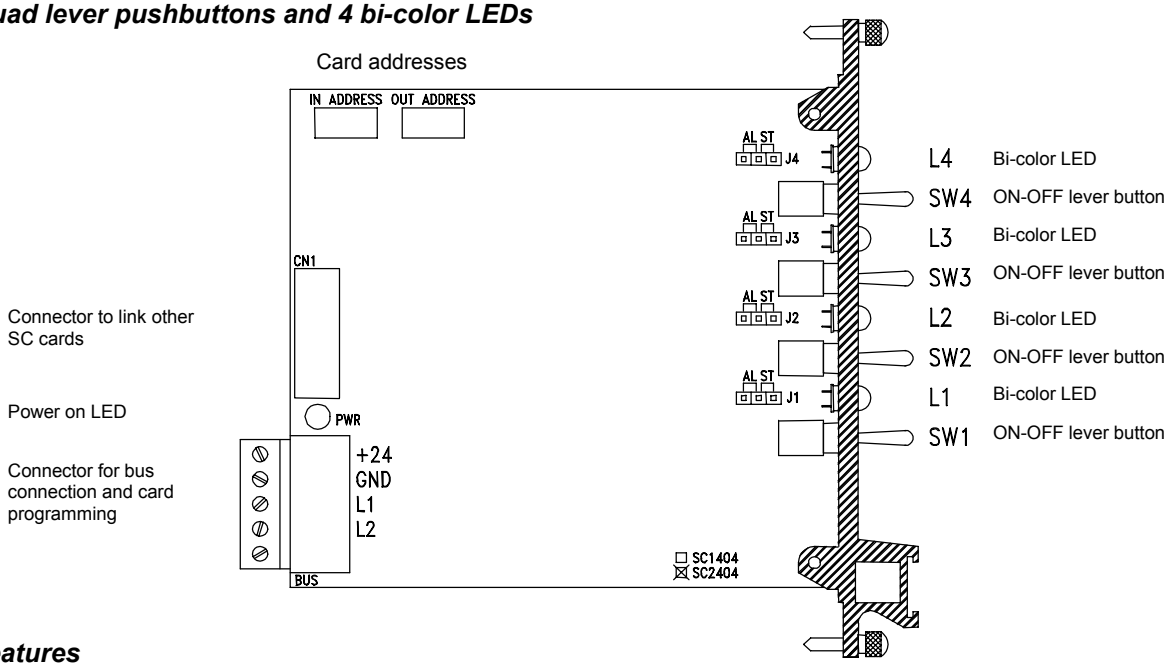
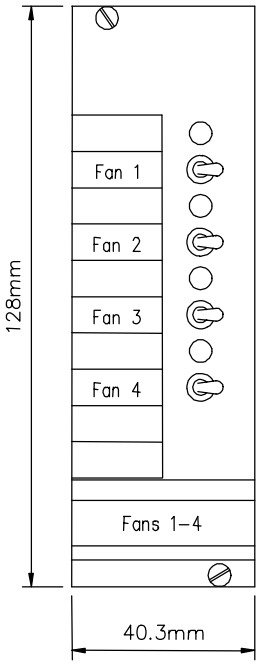
Card mod. SC2404

Quad lever pushbuttons and 4 bi-color LEDs



Features



SW1, SW2, SW3, SW4: ON-OFF lever pushbuttons
L1, L2, L3, L4: bi-color LEDs
CN1: connector to link other cards of the SC family using the proper flat cable
PWR: LED signalling the power on condition
BUS: terminal block for card programming and for the connection to the 4-wire bus
J1, J2, J3, J4: jumpers to set each LED as status (green color, jumper on ST) or as alarm (red color, jumper on AL)

On the top of the card, 2 white labels allow to write, by a permanent marker, the addresses (input and output) of the card.

The card handles the following points as *inputs* (in other words the status of these points can be acquired via bus):

- *SW1:* input 1 (active when SW1 is ON)
- *SW2:* input 2 (active when SW2 is ON)
- *SW3:* input 3 (active when SW3 is ON)
- *SW4:* input 4 (active when SW4 is ON)

The card handles the following points as *outputs* (in other words the status of these points can be forced via bus):

- *L1:* output 1 (when ON it forces the lighting of LED L1)
- *L2:* output 2 (when ON it forces the lighting of LED L2)
- *L3:* output 3 (when ON it forces the lighting of LED L3)
- *L4:* output 4 (when ON it forces the lighting of LED L4)

Operation

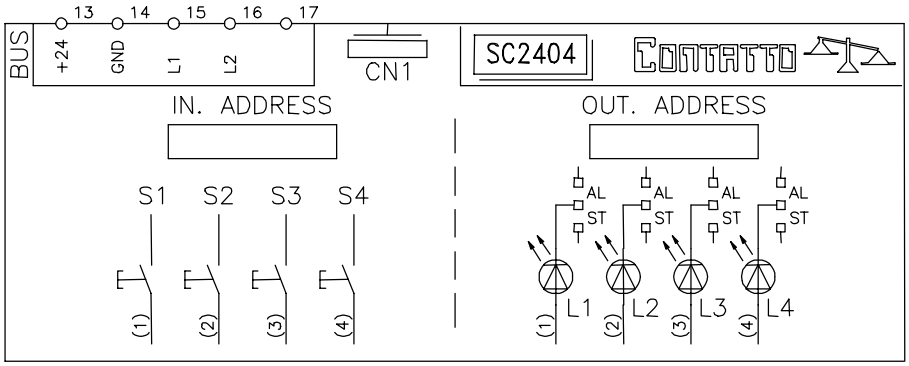
The position of the pushbuttons SW1, SW2, SW3 and SW4 is available through the bus specifying the address of the input section of SC2404 card and the point number as above described.
The four LEDs must be switched on or off via bus, specifying the address of the output section of SC2404 card and the point number as above described. If the SC00AC alarm card in connected by the proper flat cable, the lighting of a LED

having its related jumper inserted on AL position, causes the begin of the alarm sequence on SC00AC card itself (no alarm occurs if the relevant jumper is inserted on ST position).
In addition the connection of the alarm card allows the blinking of the LED set as alarm; the pressing of the acknowledge pushbutton on SC00AC, will cause the change of all LED activated in that moment from blinking to constant lighting.

The lamp test function too is handled by SC00AC card (if connected through the proper flat cable).

The input and output addresses programming must be done through the proper FXPRO programmer.

Card connection diagram



Electrical characteristics

Supply voltage:	24Vdc ± 25%
Current consumption:	100mA
Operating temperature:	-10 ÷ +50°C
Storage temperature:	-30 ÷ +85°C