

Card mod. SC0104

1-0-2-3 rotary switch and 4 LEDs

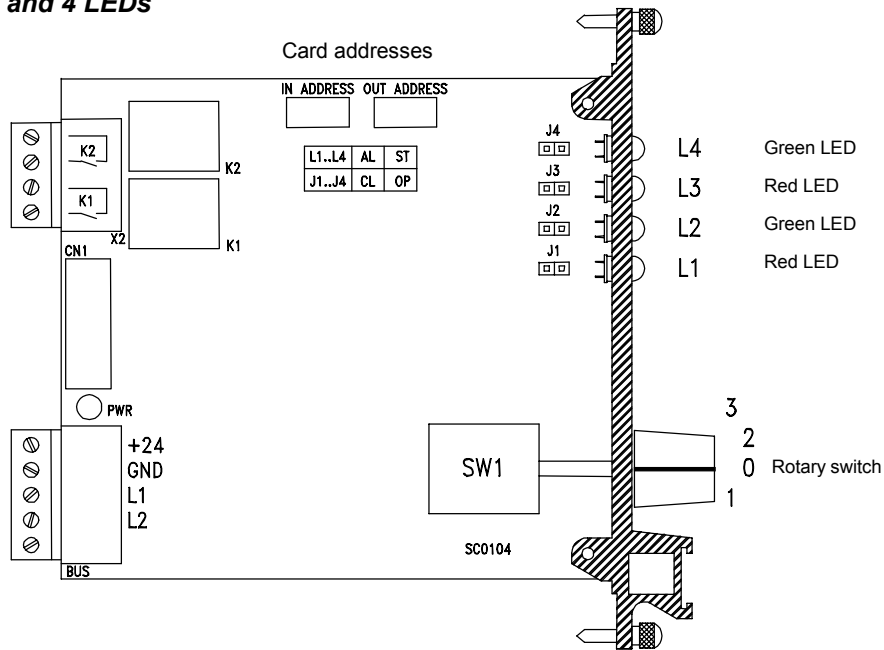
Relay K2 driven when SW1 is on position 3

Relay K1 driven when SW1 is on position 2

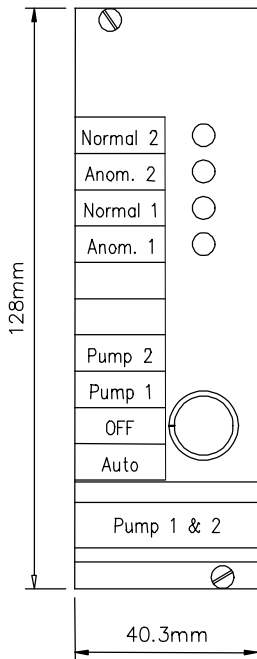
Connector to link other SC cards

Power on LED

Connector for bus connection and card programming



Features



- SW1: four positions rotary switch (1-0-2-3)
- L1, L3: red LEDs
- L2, L4: green LEDs
- K1, K2: relays energized when the rotary switch is on positions 2 or 3
- 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 (jumper not inserted) or alarm (jumper inserted)

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 position 1: input 1 (active when switch SW1 is on position 1)
- SW1 position 2: input 2 (active when switch SW1 is on position 2)
- SW1 position 3: input 3 (active when switch SW1 is on position 3)

The position 0 of the switches does not affect any input points that may be handled via bus.

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

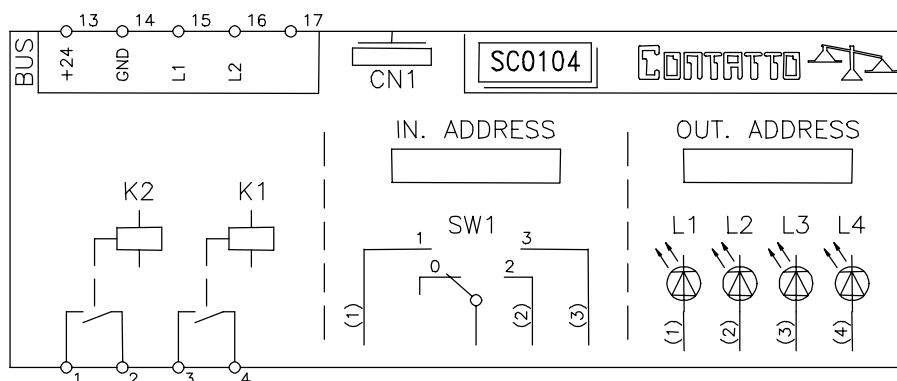
The position of the switch SW1 is available through the bus specifying the address of the input section of SC0104 card and the point number as above described. When the switch is set to position 2, relay K1 will be energized (and K2 OFF); moving the switch to position 3, relay K2 will be energized (and K1 OFF). These relay may be useful for manual and local commands.

The four LEDs must be switched on or off via bus, specifying the address of the output section of SC0104 card and the point number as above described. If the SC00AC alarm card is connected by the proper flat cable, the lighting of a LED having its related jumper inserted, causes the begin of the alarm sequence on SC00AC card itself (no alarm occurs if the relevant jumper is not inserted). 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
Rating of the relays contact:	5A @ 250Vac
Operating temperature:	-10 ÷ +50°C
Storage temperature:	-30 ÷ +85°C