

TECHNICAL DESCRIPTION

This I/O event module is a Luxom network unit with an on board controller for interfacing with potential free contacts or for controlling Luxom visualization LEDs. There are 10 input/output channels in total. Every channel can be configured individually as input or as output.

Outputs:

Visualization LEDs for indicating the status or position of lighting and shutters, heating and ventilation, doors and windows, garage doors and yard fences, lock or shift functions.

A LED can be on or off, blinking or inverted

Inputs:

- The shift function allows you to change the function of all 10 channels with just 1 command. This effectively doubles the number of actions with the same amount of buttons.

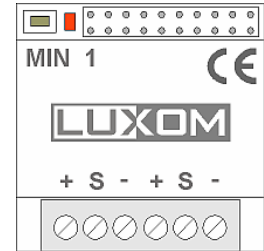
For example: shift mode not active: control lighting
 shift mode active: control shutters

A LED output can be used to indicate whether shift mode is either active or not active.

- An input can be made to act upon: opening/closing of a contact and/or a short, long, double or triple push. This means that, together with the shift function, up to 80 actions can be sent using only 10 inputs!
- The lock function enables you to deactivate each input via a bus command.

Example applications:

- Override/deactivate a motion detector or PIR
- Deactivate garden light controls during day time
- Deactivate special functions when children/housekeeper/baby-sit are present.



TECHNICAL DATA	
Product ID	101
Supply voltage	24 VDC
Electricity consumption	0.4 VA (max 0.8 VA)
Electricity consumption per connected LED	0.05 VA
Installation	In wall socket box
Number of bus connections	2
BUS connection	1.5 mm ²

FUNCTIONAL DATA - INPUTS	
Ports	10 x binary
Port type	5 VDC / 0.5 mA
Mass	10 ports with common mass
Input impedance	1.5 kOhm
Maximum distance between port and contact	< 10 m
Connection	DS20D (length 20cm) – DS21D (150cm) Adaptor with screw connections: DS35D

FUNCTIONAL DATA - OUTPUTS	
Ports	10 x Luxom LED
Port type	5 VDC / 1.5 mA
Mass	10 ports with common mass
Maximum distance between port and LED	< 10 m
Connection	Luxom LED's (DS23D...DS27D)
Warranty	3 years on exchange
Operational temperature	0° to 50° C
Protection level	IP 20
Dimensions LxWxH	40 x 40 x 15 mm
Number of DIN-rail modules 18 mm	-

