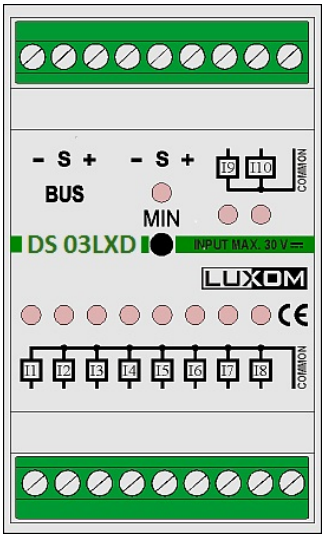
## TECHNICAL DESCRIPTION




This Input event module is a Luxom network unit with an on board controller for interfacing with potential free contacts or transistor outputs.
There are 10 input channels in total. Every channel can be configured individually as input or as virtual output.

Outputs:

Virtual for status changes. ( connection of LED or relay impossible )
A virtual output 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

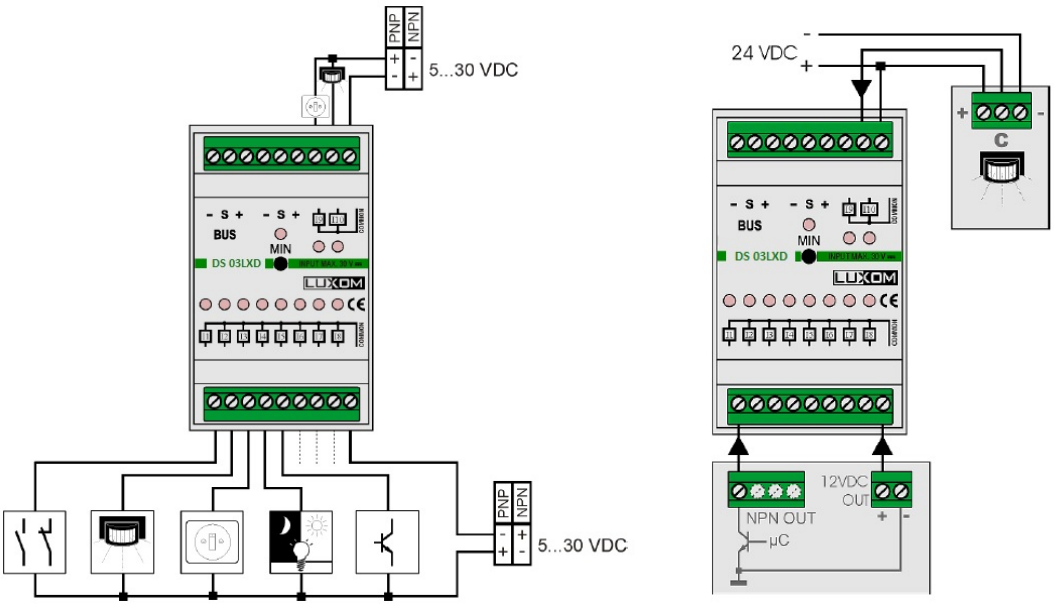
  A vitual output can be used to indicate whether shift mode is either active or not active.
- An input can be made to act upon: opening/closing of a contact and/or a short, long, double or triple push. This means that, together with the shift function, up to 80 actions can be sent using only 10 inputs!
- 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 | 0.5 VA (max 1.8 VA) |
| | |
| Installation | DIN rail |
| Number of bus connections | 2 |
| BUS connection | 2.5 mm² |

| FUNCTIONAL DATA - INPUTS | |
|---|---|
| Ports | 8+2 x binary |
| Port type | 5 to 30VDC opto isolated |
| | |
| Input impedance | 6 kOhm |
| Maximum distance between port and contact | 100 m (when BUS power supply is used) |
| Connection | screw connections<br>2.5 mm² |

| FUNCTIONAL DATA - OUTPUTS | |
|---|---|
| Ports | 10 x Luxom virtual output |
| Port type | virtual (connection of LED or relay impossible) |
| Mass | - |
| Maximum distance between port and contact | - |
| Connection | - |
| | |
| Warranty | 3 years on exchange |
| Operational temperature | 0° to 50° C |
| Protection level | IP 20 |
| Dimensions LxWxH | 54 x 90 x 62 mm |
| Number of DIN-rail modules 18 mm | 3 |

## WIRING DIAGRAM




## LOGIX

**LogiX** is a very powerful software feature with logical gateways and conditions.
This module has enough memory for **72** logical gateways and **72** conditions.
8 types of logical gateways are available:
AND - OR - NAND - NOR - EXOR - EXNOR - EXAND - EXNAND.

A logical gateway can incorporate1, 2, 3 … up to max. 72 conditions.
Different logical gateways can be coupled to be able to build the most complex logical comparisons.
Should you require more then 72 conditions then it is possible to couple logical gateways from different modules across the BUS.

The conditions on which a logical gateway is built can include:

- A moment in time (minute, hour, day, month, year, holiday)
- An analog value (°C, 0-10V, Lux, km/h, energy consumption,…)
- An input or output status
- A trigger (ascending/descending slope)
- A logical gateway status

The actions a logical gateway can be made to execute:
Ping - Toggle - Set - Clear - °C - 0…100% or a Timed Mood.

## TIMED MOODS

This module has a total of 20 Timed Moods.
Every Timed Mood can contain up to 8 functions
In between actions, a delay 0…127sec/min can be set.
Moods can be coupled to act as a staircase timer.

A Timed Mood can automatically be activated after Power-up of the bus and can be started and stopped at will.

The actions a Timed Mood can execute are:
Ping - Toggle - Set - Clear - °C - 0…100%.