

LED DALI Blinds (Louvre) Module - User Manual



Item no.: LC-004-803



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1. Product Description

The DALI Blinds (Louvre) module is a DALI module to control jalousie modules with 230V~ control inputs for Up and Down. The interface has a DALI address and can be added to groups, there are 4 programmable profiles for adjusting the tilt angle and to pen or close the blinds. Versions in the variants DIN-rail mounting or ceiling insert.

2. Specifications

power supply	via DALI-Bus
typ. current consumption	5,5mA
Input Output	230V~ 230V~ (Up or Down, interlocked)
relay contact switching voltage	250Vac
max. nominal load and current	1000VA/4A
operating cycles resistive	10 ⁵
max. switching frequency relay	0,2 Hz
max. wire-cross section	2,5mm ²
dimensions (l x w x h) in mm	98 x 17 x 56mm (LC-004-803) 120 x 30 x 21mm (LC-004-804)
weight	52g (LC-004-803)

3. Description

1. Suitable for the control of jalousie modules with separate 230V input for Up and Down via DALI
2. interlocked outputs
3. for currents of up to 4A
4. the module is controlled by the DALI-commands RECALL MAX or UP for Up and RECALL MIN or DOWN for Down, the state holds until an OFF is received
5. The module is supplied directly via the DALI line, no additional supply required
6. Connect a Somfy Soliris wind, sun and rainsensor with the help of a DALI Soliris module

5. Instruction

Installation

The module is connected to the DALI-signal line, no additional power supply is required. A typical value for the current consumption of the DALI Jalousie module is about 5,5mA. The connection to the DALI-terminals is polarity free.

The module is designed for a continuous load of 1000V. Do not connect N1 and N2.

The terminals fit wires with a cross section of 2,5mm,

Function

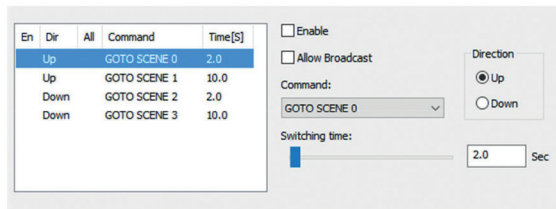
The DALI Jalousie can be addressed and controlled by the assigned DALI address. It converts DALI commands in up/down commands to the blind motor control. The 230V motor control signals (for up and down) are interlocked, that means that at any time only one of those signals is applied to the blind motor.

Reaction of the module to DALI-commands as follows:

DALI-command	Jalousie control signal
RECALL MAX	UP: Loutup 230V / Loutdown 0V
RECALL MIN	DOWN: Loutup 0V / Loutdown 230V
OFF	OFF: Loutup 0V / Loutdown 0V
UP	UP: Loutup 230V / Loutdown 0V
DOWN	DOWN: Loutup 0V / Loutdown 230V
GOTO SCENE X	4 scene commands can be used for the recall of custom profiles (direction and duration can be configured for each profile)

For a customized adjustment of the module to the used jalousie 4 freely programmable profiles are available. They can be configured with the help of the DALI-Cockpit software tool

For each profile the direction (UP and DOWN) can be as well configured as the duration how long this state should be applied. With the help of these profiles typically the tilt angle (min/max) and a complete Up and Down movement can be preconfigured. For the recall of these profiles scene commands are used:



The DALI Blinds (Louvre) module does not react to broadcast commands in factory default state. However for the recall of profiles this restriction can be cancelled.

6. Wiring Diagram

