JUMiTECH

DALI Jalousie

Datasheet

Interface

DALI module to control jalousie
modules with 230V ~ control inputs
for Up and Down

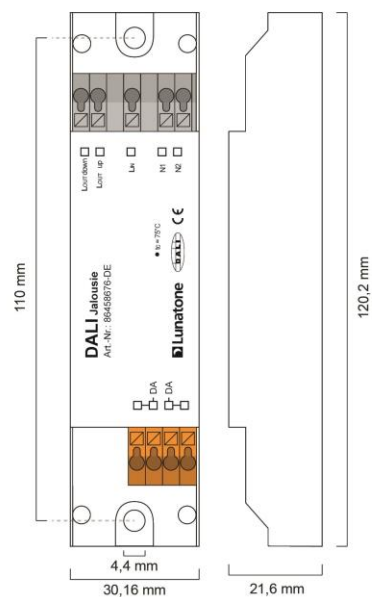Art. 86458676-DE (remote ceiling)
Art. 86458676-HS (Din Rail)

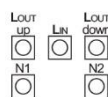# DALI Jalousie Interface

Overview

- Suitable for the control of jalousie modules with separate 230V input for Up and Down via DALI
- interlocked outputs
- for currents of up to 4A
- 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

- The module is supplied directly via the DALI line, no additional supply required
- The interface has a DALI address and can be added to groups, there are 4 programmable profiles for adjusting the tilt angle and to open or close the blinds.
- Connect a Somfy Soliris wind, sun and rainsensor with the help of a DALI Soliris module

Specification, Characteristics

Type	DALI Jalousie	
article number	86458676-HS	86458676-DE

electrical data:

power supply	via DALI-line	
typ. current consumption	5.5 mA	
control input	DALI	
input	230V~	
output	230V~ (Up or Down, interlocked)	
relay contact switching voltage	250Vac	
nominal load and current	1000VA / 4A	
operating cycles with 4A/250Vac, resistive	10^5	
max. switching frequency relay	0.2 Hz	

technical data:

storing/transportation temperature	-20°C … +75°C	
operational ambient temperature	-20°C … +60°C	
protection class	IP20	
connecting wire cross section	2,5 mm^2	
housing	din rail	remote ceiling
dimensions	98mm x 17.5mm x 56mm	120mm x 30mm x 21mm

65,8mm
44,8mm
35,4mm
90mm
98mm

34mm
50,4mm
56,4mm

17,5mm

DALI Jalousie
Lunatone

Lout up Lin Lout down
N1 N2

geometry Din Rail type

110 mm

120,2 mm

DALI Jalousie
Art.-Nr.: 86458676-DE
Lunatone

Lout down Lout up Lin N1 N2

DA DA

4,4 mm
30,16 mm
21,6 mm

geometry Remote Ceiling type

DA DA

Lout up Lin Lout down
N1 N2

connection Din Rail type

Lout down Lout up Lin N1 N2

DA DA

connection Remote Ceiling type

L
N

Lin
Lout up
Lout down
M M

nc — N1
nc — N2
DALI Jalousie
DALI

Jalousie + Motorcontrol

DALI PS

DALI

DALI Contol Device

DALI Soliris

(optional)
Regenfühler RFA 005
(potentialfrei)
705588

SOLIRIS Sensor
Wind-, Sonnenfühler
154080

Sensor
S W C

J-Y(ST)-Y
2x2x0,6²

(optional)
Thermostat
709808

Inteo
Soliris IB
710123

L N PE

Zentraltaster
Com
Auf
Ab

Com Zentralbefehl
Auf zu weiteren
Ab Steuergeräten

Option: using Soliris Sensor

typical application
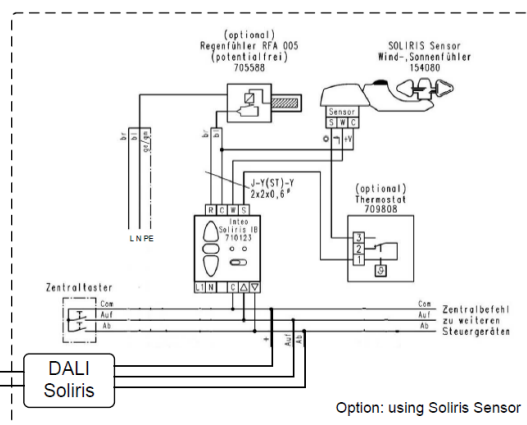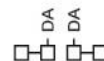
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Installation

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 5.5 mA. The connection to the DALI-terminals is polarity free.

The module is designed for a continuous load of 1000VA.

Do not connect N1 and N2.

The terminals fit wires with a cross section of 2,5mm2.

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.

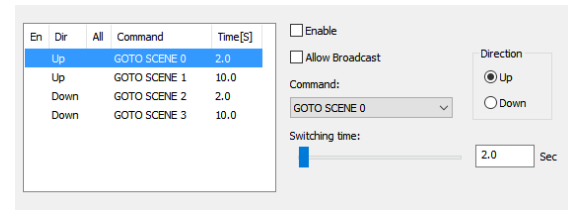Reaction of the module to DALI-commands:

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 or 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 Jalousie interface does not react to broadcast commands in factory default state. However for the recall of profiles this restriction can be cancelled.

Purchase Information

Art.Nr. 86458676-HS DALI Jalousie, din rail
Art.Nr. 86458676-DE DALI Jalousie, remote ceiling

Additional Information

Datasheets and manuals
https://jumitech/produkter

DALI-Cockpit – free configuration tool from
Lunatone for DALI systems
http://lunatone.at/en/downloads/Lunatone_
DALI-Cockpit.zip

Contact

Technical Support: support@jumitech.dk

Requests: salg@jumitech.dk

www.jumitech.dk

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Disclaimer

Subject to change. Information provided without guarantee.
The datasheet refers to the current delivery.

The compatibility with other devices must be tested in advance
to the installation.