

LMS E2D 6xINPUT MODULE

Product code: PN8100101

Six-channel input interface conforming to DALI2

LMS E2D 6xINPUT MODULE is an input interface that allows feeding external signals to a system based on VERTEX controllers or DALI2-conforming controllers. The interface has 6 potential-free inputs and allows any control devices with normally closed outputs (e.g. buttons, relays, time switches, reed relays, etc.) to be connected to the lighting system.



Product features

- 6 potential-free inputs
- Power supply from DALI bus
- Conformity with standards
 - IEC 62386-101:2014
 - IEC 62386-103:2014
 - IEC 62386-301:2017
- Built-in buzzer
 - Identification from DALI level
 - Short-circuit - button pressing signalling

Technical parameters

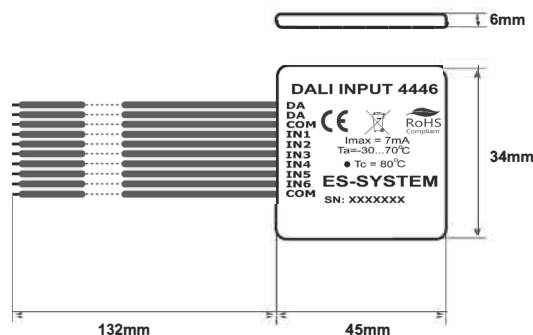
Ambient temperature Ta	-30 ... + 70C
Maximum temperature Tc	+80C
Power supply	12-25 VDC, DALI
DALI current consumption	7 mA
DALI addressess	1
Number of potential-free inputs	6
Humidity	85 %, non-cond

Parametry mechaniczne

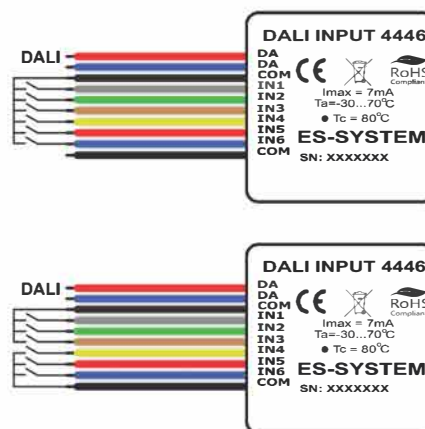
Length	34 mm
Width	45 mm
Height	6 mm
Protection rating	IP20
Cable cross-section	10 x 0,5 mm ²
Length of cable	143 mm
Mounting	In electrical box 60 x 60 mm (ø x D)

Remark Conductors tips are insulated and tin plated

Dimensions

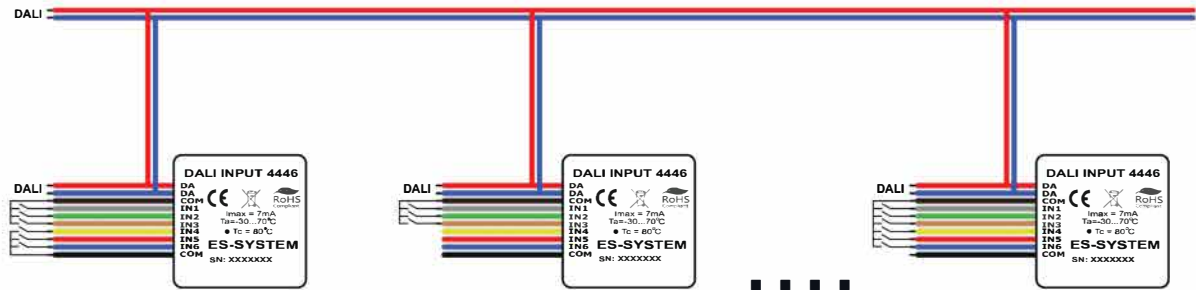


Wiring diagram



Note: input of DALI signal in 4446 module is not protected against 230VAC.

Installation and start-up



- Before connecting the input module to the DALI bus, check for absence of 230VAC
- Connect voltage level on the DALI bus should be in the 9.5 V - 22.5 V range, typically 16 V
- The maximum number of input modules connected to a single DALI bus shall not exceed 8
- After connecting, perform scanning and identification of the input module by the master DALI controller
- A correctly connected module should be detected by the software supplied with the master controller

No.	Core designation	Colour	Description
1	DA	red	DALI
2	DA	blue	DALI
3	COM	black	Common terminal for inputs
4	IN1	white	Input No. 1
5	IN2	green	Input No. 2
6	IN3	brown	Input No. 3
7	IN4	yellow	Input No. 4
8	IN5	red	Input No. 5
9	IN6	blue	Input No. 6
10	COM	black	Common terminal for inputs

Maintenance

Perform all maintenance operation after disconnecting from the DALI network. The input module does not require any special maintenance, however in case of high dustiness it is recommended to vacuum clean the interior in which the input module is installed or blow it with compressed air.