

DMX2DALI+



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A flexible converter from DMX signal to DALI, DMX2DALI+ is a simple solution for controlling electrical DALI ballasts and dimmers using a DMX controller. DMX2DALI+'s flexibility makes installations easy by using auto and manual DMX addressing modes.

Eight addressable consecutive DMX channels control eight DALI outputs. Each output supports up to 64 DALI ballasts or dimmers (broadcast mode), while one DMX2DALI+ supports up to 512 electrical DALI ballasts and dimmers, typically used for control of fluorescent lighting.

Highlights

- 8 outputs with 1200 Baud DALI transfer speed controlled by 8 DMX channels
- Up to 64 DALI ballasts per output (= 512 ballasts in total), all controlled by the same DMX channel (broadcast)
- Single 100 to 240 V AC supply voltage
- Power and DMX status LEDs
- Manual and auto DMX addressing modes
- Configurable DALI output on DMX signal loss
- DIP switch for configuration and manual addressing mode (offset)
- Supports brightness setting, no color temperature setting
- DIN rail mounting

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

Delivery scope

- e:cue DMX2DALI+
- Safety instructions
- Welcome note

Identcode

CL23100068435


Optional accessories

- SYMPL dmx Node

Identcode

AB444180035

Product specifications

Dimensions (W x H x D)	88 x 90 x 63 mm / 3.46 x 3.54 x 2.48 in
Weight	180 g / 0.4 lb
Power supply input	100 ... 240 V AC, 2-pin terminal plug, solid cable cross-section up to 2 mm ²
Power consumption	max. 18 W
Operating temperature	-20 ... 50 °C / -4 ... 122 °F
Storage temperature	-20 ... 50 °C / -4 ... 122 °F
Op. / Stor. humidity	0 ... 80% RH, non-condensing
Ingress protection	IP20
Electrical protection	Protection class II (protective insulation) 
Housing	Plastic
Mounting	On 35 mm DIN rail (EN 60715)
Certificates	CE, UKCA

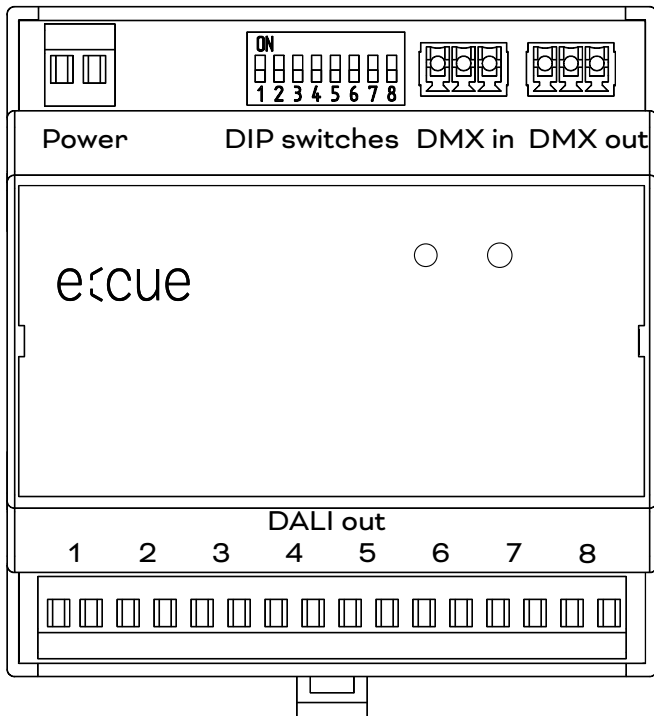
Interface specifications

Input interfaces	1 x DMX512, 3-pin terminal plug
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Output interfaces 8 x DALI, 2-pin terminal plug, 64 ballasts,
 max. 15 V, max. 128 mA
 cable cross-section:
 solid / stranded: 0.08 ... 2.5 mm²
 with ferrule: 0.25 ... 1.5 mm²
 stripping length: 6 ... 7 mm
 1 x DMX512, 3-pin terminal plug

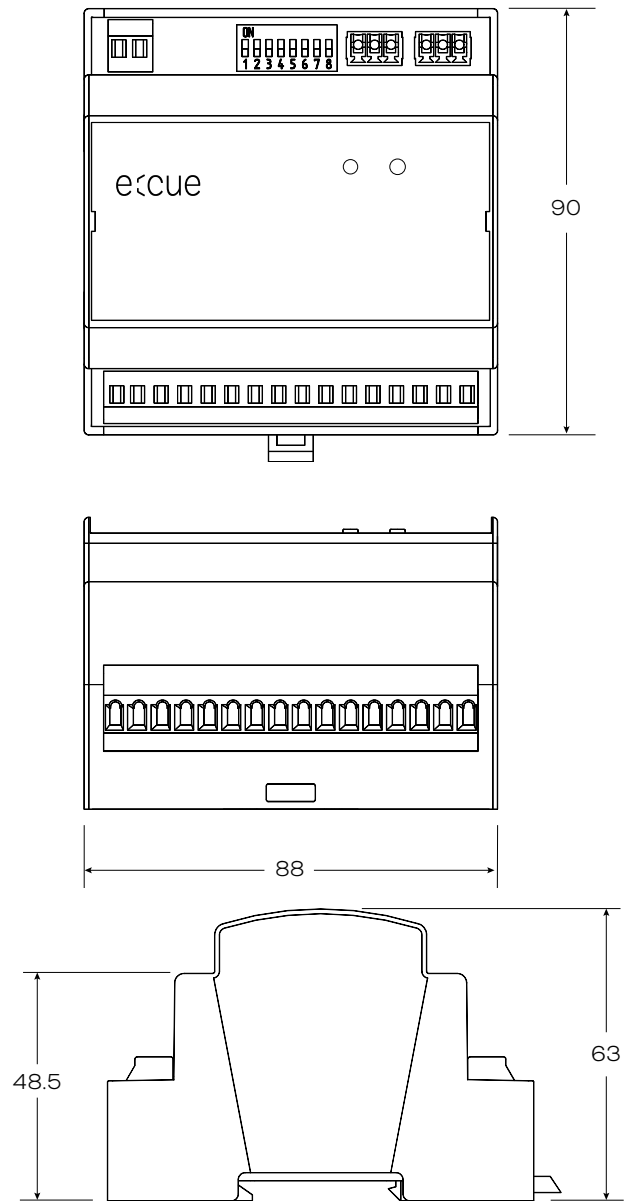
User interfaces 2 x LED for device status, power;
 8 x DIP switch, for offset and mode
 configuration

Connectors



Dimensions

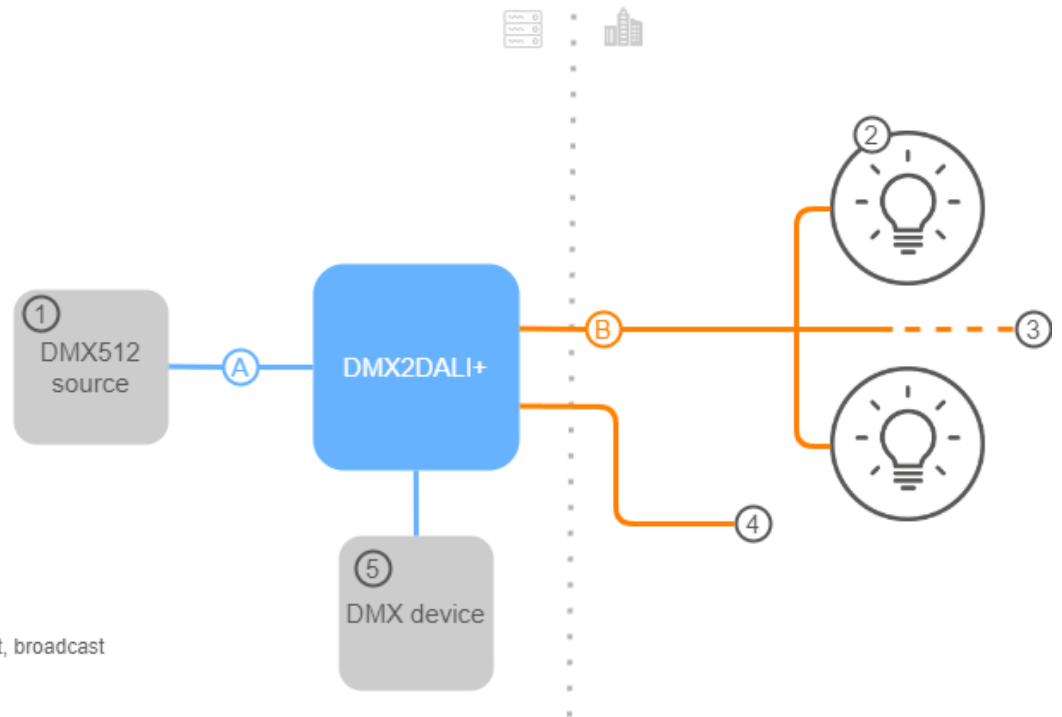
All measures in mm



System diagram

A) DMX512

B) DALI



- 1) up to 8 DMX channels
- 2) DALI ballast
- 3) up to 64 DALI ballasts per output, broadcast
- 4) 8 x output, DALI line
- 5) daisy chain