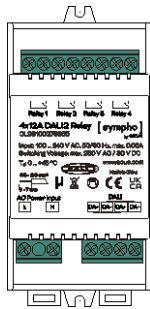


# 4x12A DALI2 Relay



## Highlights

- 4 channels relay module
- Control 4 relays separately via DALI: Loads that do not have a DALI input can be integrated in the DALI circuit. The loads can be switched on and off via DALI.
- Zero crossing detection for switching 4 x 12A
- 4 DALI addresses can be assigned by DALI master controller automatically
- Compatible with universal DALI systems and master controllers in the market
- DIN rail installation, compatible with standard 35mm DIN rail

## Delivery Content

### Identcode

- SYMPHO 4x12A DALI2 Relay CL23100278855
- Welcome note
- Instructions

## Optional accessories

- SYMPL dali Node AB444230035

## 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.

## Product Specifications

Dimensions (W x H x D)	53 x 110 x 65 mm / 2.09 x 4.33 x 2.56 in
Weight	180 g
Material	PC
Mounting	On 35 mm DIN rail (EN 60715)
Installation condition	Indoor
Certificates	CE, UKCA, DALI-2, RoHS

## Electrical information

Input Power	100 ... 240 V AC, 50/60 Hz
Power Consumption	max. 0.96 W (when relay contact closes or opens)
Control	DALI
Stripping Length	6 ... 7 mm / 0.24 ... 0.28 in

## Interface specifications

Input	1 x DALI wire gauge: 0.5 ... 2.5 mm <sup>2</sup>
Output	4 x relay, NC, volt-free current: 4 x 12 A switching voltage: max. 250 V AC / 30 V DC
<b>Load Type</b>	<b>Max. Load</b>
Resistive, Inductive, Capacitive	4 x 2760 W @ 230 V AC 4 x 1320 W @ 110 V AC
	wire gauge: 2.5 mm <sup>2</sup> 4 DALI addresses 1 x DALI wire gauge: 0.5 ... 2.5 mm <sup>2</sup>

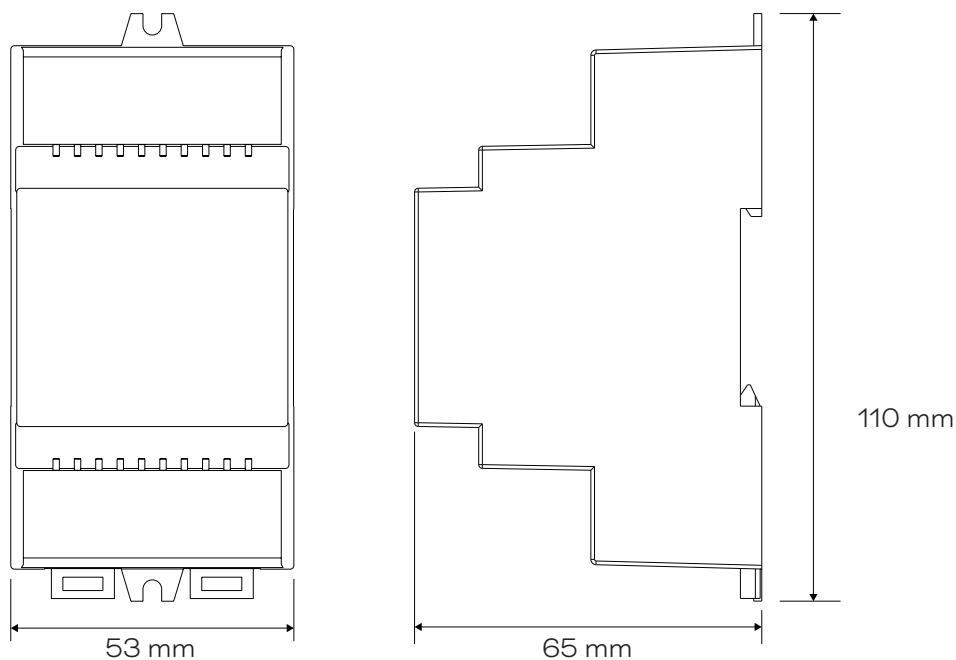
## Environment

Operating Temperature Range	0 ... 45 °C / 32 ... 113 °F
Operating Humidity	5 ... 95% (non condensing)
Storage Temperature Range	-20 ... 50 °C / -4 ... 122 °F
Storage Humidity	5 ... 95% (non condensing)



# 4x12A DALI2 Relay

## Dimensions

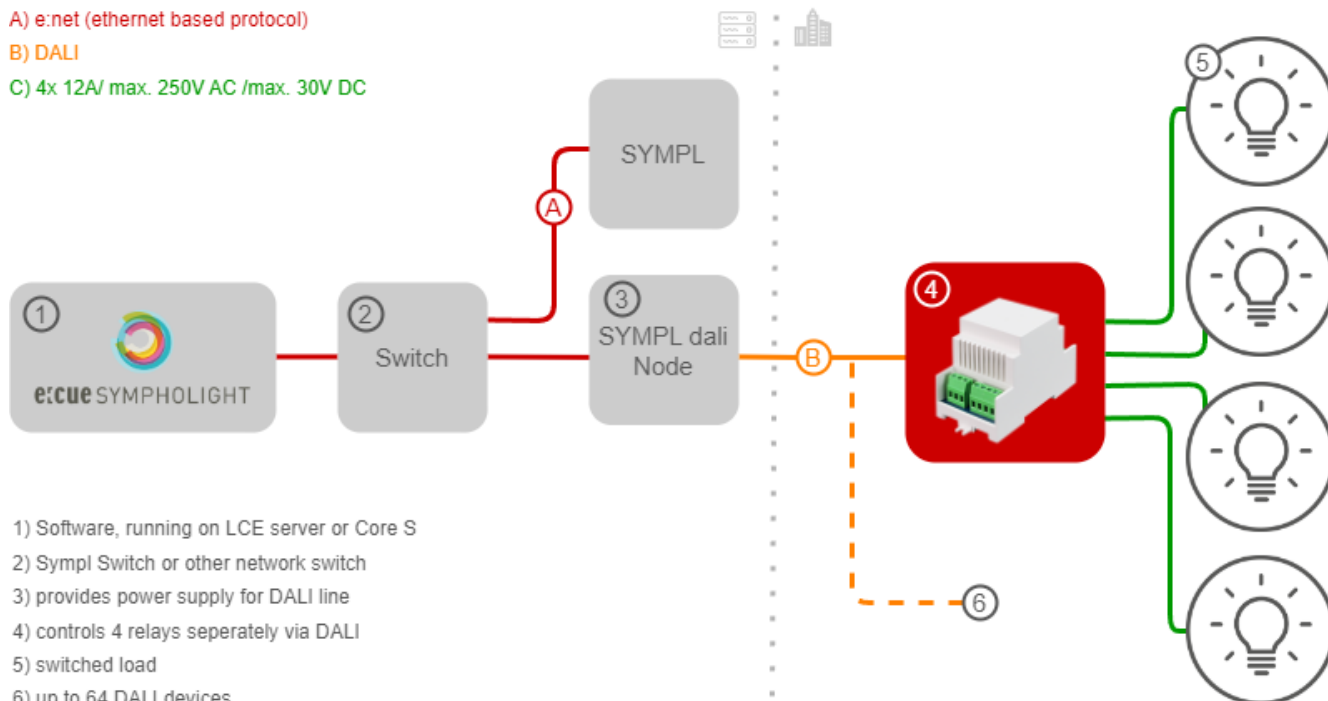


## System diagram

A) e.net (ethernet based protocol)

B) DALI

C) 4x 12A/ max. 250V AC /max. 30V DC



- 1) Software, running on LCE server or Core S
- 2) Sympl Switch or other network switch
- 3) provides power supply for DALI line
- 4) controls 4 relays separately via DALI
- 5) switched load
- 6) up to 64 DALI devices