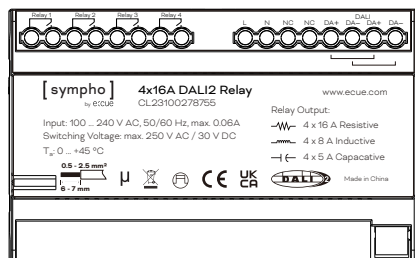


4x16A DALI2 Relay Instructions



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.
- Compatible with universal DALI systems and master controllers in the market
- DIN rail installation, compatible with standard 35mm DIN rail

Delivery scope

Identcode

- SYMPHO 4x16A DALI2 Relay CL23100278755
- Welcome note
- Instructions

Optional accessories

- SYMPL dali Node AB444230035

Safety & Warnings



- Do not install with power applied to device.
- Do not expose the device to moisture.
- Read the instructions prior to installation.



For further product information and downloads see www.ecue.com.

Product specifications

Dimensions (W x H x D)	145.4 x 90 x 66.4 mm / 5.72 x 3.54 x 2.61 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 ²
Output	4 x relay, NC, volt-free, wire gauge: 2.5 mm ² switching voltage: max. 250 V AC / 30 V DC 4 DALI addresses

Load Type Max. current

Resistive	4 x 16 A
Inductive	4 x 8 A
Capacitive	4 x 5 A

Load Type Max. Load

Resistive	4 x 3680 W @ 230 V AC 4 x 1760 W @ 110 V AC
Inductive	4 x 1150 W @ 230 V AC 4 x 550 W @ 110 V AC
Capacitive	4 x 1840 W @ 230 V AC 4 x 880 W @ 110 V AC

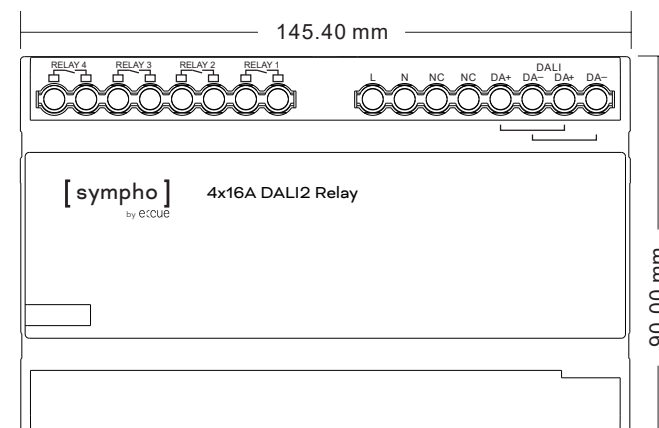
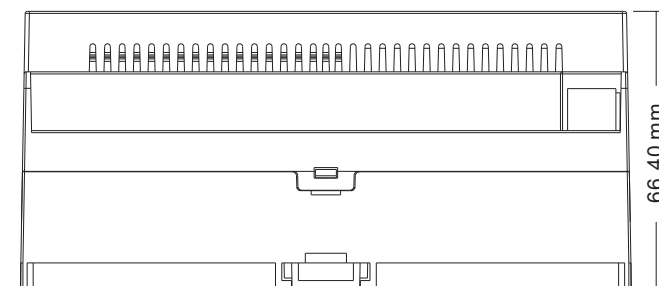
1 x DALI, wire gauge: 0.5 ... 2.5 mm²

Environment

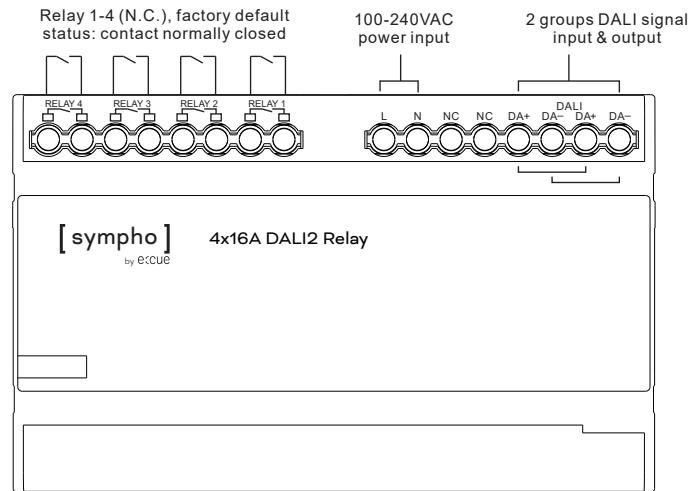
Operating Temperature Range	0 ... 45 °C / 32 ... 113 °F
Operating Humidity	5 ... 95% (non condensing)
Storage Temperature Range	-20 ... 50 °C / -4 ... 122 °F
Storage Humidity	5 ... 95% (non condensing)



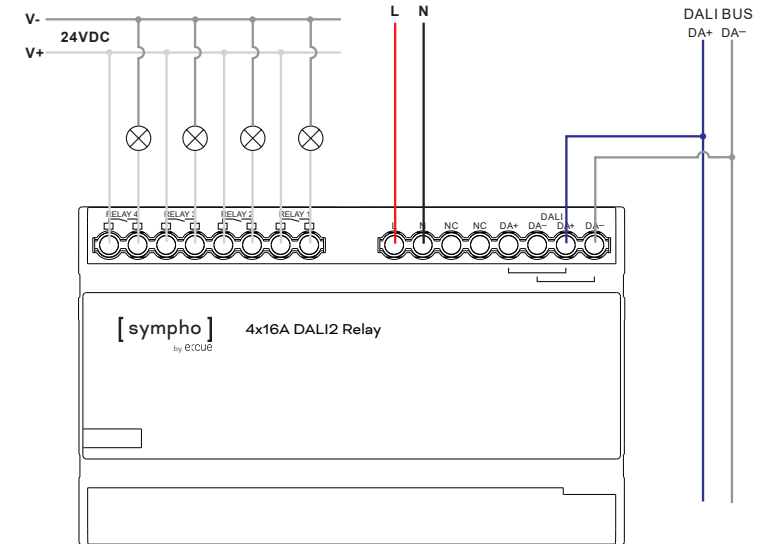
Dimensions



Connectors & Interfaces

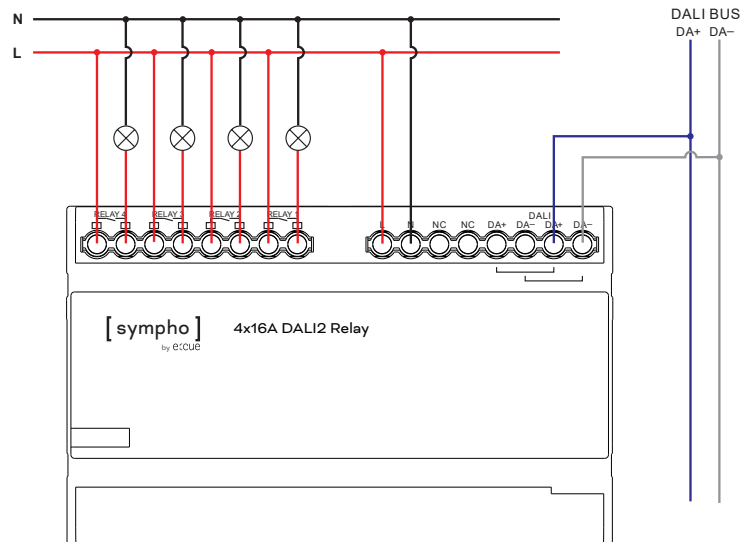


Switching DC Voltage



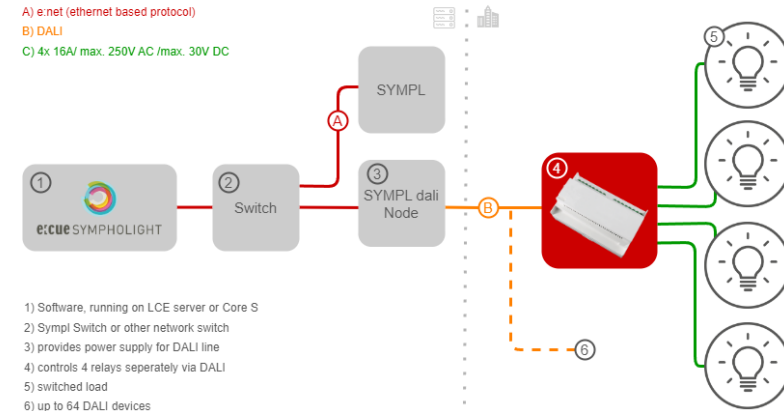
Wiring Diagram

Switching AC Voltage



System Diagram

- A) e.net (ethernet based protocol)
- B) DALI
- C) 4x 16A/ max. 250V AC /max. 30V DC



Operation

DALI addresses can be assigned by DALI Master controller automatically, please refer to the user manuals of compatible DALI Masters for specific operations.