

SYMPL dali Node



DALI-2 approval pending

e:cue SYMPL dali Node

The e:cue SYMPL dali Node is a single channel DALI interface for use with e:cue's lighting control solution SYMPHOLIGHT. It provides a DALI interface for up to 64 DALI devices in one line. The SYMPL dali Node is powered by an external power supply. It is easily mounted on standard 35 mm DIN rails, or with a key hole in the housing base on walls or on any stable vertical surface. Via SYMPHOLIGHT, DALI commands like linear dimming curve (DT6), RGB, RGBW, and Color Temperature (DT8) are supported. The SYMPL dali Node is a simple, reliable and easy to use interface solution for e:cue lighting control solutions with SYMPHOLIGHT.

Highlights

- One DALI line for up to 64 DALI devices
- Flexible mounting on 35 mm DIN rails or surfaces
- Simple and easy integration in e:cue SYMPHOLIGHT

Delivery scope

Item code

- | | |
|-------------------------|-------------|
| • e:cue SYMPL dali Node | AB444230035 |
| • Safety instructions | |
| • Welcome note | |

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.

Technical data

Dimensions (W x H x D)	53.5 x 90 x 62 mm / 2.1 x 3.6 x 2.4 inch (excl. fastening clip)
Weight	100 g / 0.22 lb
Power supply	24 V DC (screw terminal) wire gauge: 0.5 ... 6 mm ² (0.5 ... 2.5 mm ² for ferrules)
Power consumption	6.5 W
Operating temperature	-20 ... 50 °C / -4 ... 122 °F
Storage temperature	-20 ... 70 °C / -4 ... 158 °F
Op. / storage humidity	0 ... 80% RH, non-condensing
Protection class	IP20
Electrical safety class	SELV (Ethernet), basic insulation (DALI, Power)
Housing	Self extinguishing blend PC/ABS, UL E140692
Mounting	on 35 mm DIN rail (EN 60715) or with key hole on any stable vertical surface
Certificates	CE, ETL, UKCA

Interface specifications

Output interfaces	1 x DALI line conformal to EN 62386-101 2-pin terminal plug wire gauge: 0.08 ... 1.31 mm ² max. I _{DALI} = 250 mA bus voltage max. V _{DALI} = 17 V short circuit protection: I _{DALISO} = 12 mA
Ethernet port	1 x e:net 10/100 Mbit/s, RJ45
User interfaces (UI)	LEDs for Ethernet activity, device status, DALI status, Bus, Test/Error Identify button



Conforms to ANSI/UL Std. 62368 -1
Certified to CSA Std. C22.2 NO. 62368 -1

SYMPL dali Node

Dimensions

All measures in mm

