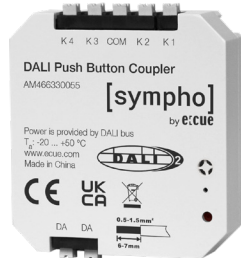


DALI Push Button Coupler



Highlights

- DALI-2 control device that integrates existing push switches into DALI system
- 4 x DALI-2 push button instances are available for an easy integration
- In compliance with IEC62386-101, IEC62386-103, IEC62386-301
- Suitable for integration and in combination with DALI-2 compliant central control units
- Multimaster capable, multiple modules can be installed on the DALI line
- DALI bus powered, no extra power supply required
- Easy configuration via DALI-2 compliant central controller USB interface
- Easy installation: the device can be installed in a flush-mounted installation box

Delivery scope

- e:cue DALI Push Button Coupler **AM466330055**
- Safety instructions
- Instructions

Optional accessories

- SYMPL dali Node **AB444230035**

Product specifications

Dimensions (W x H x D)	49.8 x 43 x 15.1 mm / 1.96 x 1.69 x 0.59 in
Weight	40 g
Mounting	back box installation, installation in protection class II devices
Max. casing temperature Tc	75 °C
Expected life time @Tc	50,000 H
Protection class	II in Intended Use
Protection degree housing	IP20
Protection degree terminals	IP20
Certificates	CE, DALI-2, UKCA, RoHS, FCC

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.

DALI interface

Output type	DALI-2, Multimaster
Marking	DA, DA
Voltage range	9.5 V DC - 22.5 V DC (according IEC62368-101)
Typ. current consumption DALI (at 16.5 V)	2.7 mA
Max. current consumption DALI (Inrush current at 22.5 V)	10 mA
DALI addresses	None
DALI-2 addresses	1

Input interfaces

Input for	Potential free button/switch
Number of inputs	4
Marking input terminals	K1, K2, K3, K4, COM
Max wire length	200 m

Terminals

Connection type	Spring terminal connectors
Wire size solid core	0.2 ... 1.5 mm ² (AWG 28 ... AWG 14)
Wire size fine core	0.2 ... 1.5 mm ² (AWG 28 ... AWG 14)
Wire size using wire end ferrule	0.25 ... 1.0 mm ²
Stripping length	9 ... 10 mm / 0.35 ... 0.39 inch
Tightening / release of wire	Push mechanism

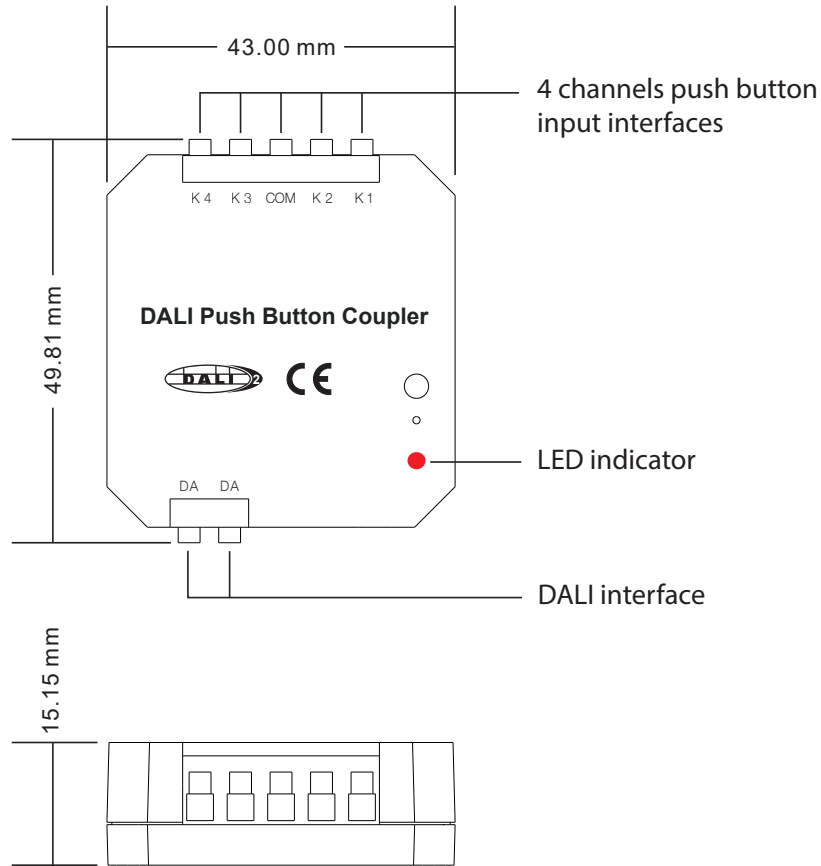
Environment conditions

Storing temperature	-20 ... +50 °C / -4 ... 122 °F
Working ambient temperature	-20 ... +50 °C / -4 ... 122 °F
Relative humidity	8 ... 80 %



DALI Push Button Coupler

Dimensions



Application

Integration in a system with DALI-2 compliant central control unit, button pushes result in input notifications (event messages).