Light is OSRAM

OSRAM

Our Brand

e:cue

SYMPL essential Node

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.

e:cue SYMPL essential Node

The SYMPL essential Node is an eight-channel DMX interface for use with e:cue's lighting control solution SYMPHOLIGHT. It provides eight independent DMX interfaces for eight DMX512 universes with 4096 channels. The SMYPL essential Node is especially designed for projects in tough outdoor environments. Connection to the server runs via Ethernet interface with 100 Mbit/s. The SYMPL essential Node can be powered by an external power supply or via Power-over-Ethernet. 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. The SYMPL essential Node is a simple, reliable and easy to use interface solution for e:cue lighting control solutions with SYMPHOLIGHT.

Highlights

- 8 independent interfaces for DMX512
- Flexible mounting on 35 mm DIN rails or vertical surfaces
- Simple and easy integration in e:cue SYMPHOLIGHT
- Extended operating temperature -40 ... 70°C
- Backup-mode on data loss
- Integrated protection against surge
- Highly isolated outputs
- Power-over-Ethernet
- Reverse polarity protection
- Test mode via button
- Web interface for status and configuration

Delivery scope

	Identcode
• e:cue SYMPL essential Node	AM305670031
with CE only	AM305680031
• Safety instructions	
• Installation guide	

Optional accessories

• Power supply 15W 24V DIN rail	AM1884100HA

Technical data

Dimensions (W x H x D)	143 x 92 x 62 mm/ 5.63 x 3.6 x 2.4 in (excl. fastening clip)
Weight	250 g / 0.55 lb
Power supply	24 ... 48 V DC (terminal plug) wire gauge: 0,21 ... 3,31 mm², reverse polarity protection; or PoE IEEE 802.3af on RJ45
Power consumption	max. 8 W (incl. DMX termination)
Operating temperature	-40 ... 70 °C */ -40 ... 158 °F *
Storage temperature	-40 ... 70 °C / -40 ... 158 °F
Electrical safety	SELV
Operating/storage hum.	0 ... 80% non-condensing
Protection Class	IP20
Housing material	Self extinguishing blend PC/ABS
Mounting	on 35 mm DIN rail (EN 60715), or with key hole on any stable vertical surface
Certification	CE, ETL, UKCA
Interfaces	8 x DMX512, surge protection, isolated in pairs, 3-pin terminal plug wire gauge: 0.08 ... 1.31 mm²
Interface specifications	V_{DMXmax}/V_{DMXmin} = 4.6 V/0.8 V Short circuit protected: I_{SCmax} = 100 mA
Ethernet-Port	1 x e:net 10/100 Mbit/s RJ-45 , surge protection
User interface	LEDs for error, Ethernet activity, device status, DMX status Identify button, Test button

* 70 °C / 158 °F for max. 1 hour/day; continuous operation at max. 60 °C / 140 °F.

CE UKCA EAC

Intertek 4000805

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

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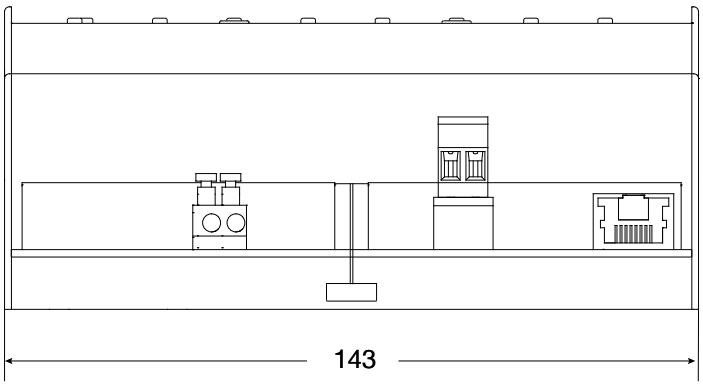
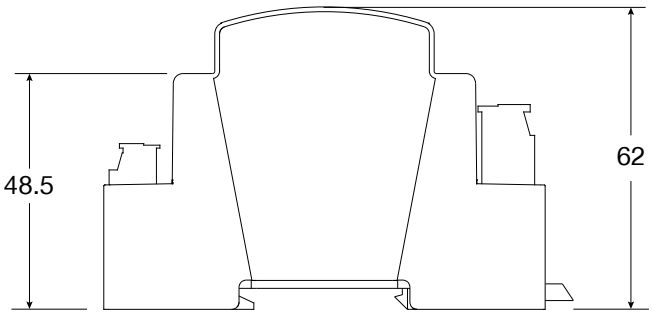
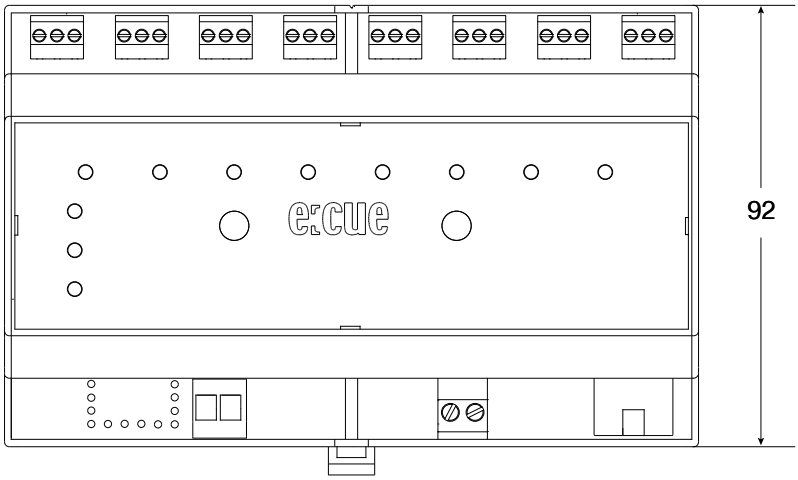
SYMPL essential Node

Dimensions

All measures in mm







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