SYMPL serial 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 serial Node

The e:cue SYMPL serial Node is a two-channel serial interface for use with e:cue's lighting control solution SYMPHOLIGHT. It provides two independent serial interfaces, one RS-232 and one RS-485 channel. The e:cue SYMPL serial Node is powered by an external power supply or via Ethernet PoE. 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. e:cue SYMPL serial Node is a simple, reliable and easy to use interface solution for e:cue lighting control solutions with SYMPHOLIGHT.

Highlights

- Two serial interfaces, one RS-232 and one RS-485
- Flexible mounting on 35 mm DIN rails or surfaces
- Simple and easy integration in e:cue SYMPHOLIGHT

Delivery scope   Identcode

- e:cue SYMPL serial Node   AB444220035
- Safety instructions
- Welcome note

Technical data

Dimensions (W x H x D)	53.5 x 90.5 x 62 mm/ 2.1 x 3.6 x 2.4 in (excl. fastening clip)
Weight	100 g
Power supply	24 V DC (terminal plug) wire gauge: 0.21 ... 3.31 sqmm; or PoE IEEE 802.3af on RJ45
Power consumption	2 W (incl. DMX termination)
Operating temperature	-20 ... 50 °C / -4 ... 122 °F
Storage temperature	-20 ... 70 °C / -4 ... 158 °F
Electrical safety	SELV
Op./storage humidity	0 ... 80% non-condensing
Protection Class	IP20
Housing material	Self extinguishing blend PC/ABS UL document E140692
Mounting	on 35 mm DIN rail (DIN 43880), 3 units or with key hole on any stable vertical surface
Certification	CE, ETL, UKCA

Interface specifications

Interfaces	2 x serial: 1 x RS-232, 1 x RS-485 on 3-pin terminal plug wire gauge: 0.08 ... 1.31 sqmm
Interface specifications	RS-485 short circuit protected I_{SCmax} = 112 mA thermal shutdown both interfaces isolated (1 kV)
Ethernet-Port	1 x e:net 10/100 Mbit/s, RJ-45
User interface	LEDs for error, Ethernet activity, device status, RS-232 status, RS-485 status Identify button

CE UK CA

ETL LISTED c US

Intertek

Conforms to ANSI/UL Std. 62368-1

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

4000805

Dimensions

All measures in mm

53.5

62

90.5