e:cue

AN OSRAM BUSINESS

SYMPL relay 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 relay Node

The e:cue SYMPL relay Node is a switching interface for use with e:cue's lighting control solution SYMPHOLIGHT. It provides three relay interfaces in single-pole. double-throw configuration. The e:cue SYMPL relay Node can be powered by an external power supply or via Power-over-Ethernet. It is easly 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 e:cue SYMPL relay Node is a simple, reliable and easy to use interface solution for e:cue lighting control solutions with SYMPHOLIGHT.

Highlights

- Three relay outputs SPDT each for up to
  5 A/250 V AC or 3 A/30 V DC
- Flexible mounting on 35 mm DIN rails or surfaces
- Fast and easy integration in e:cue SYMPHOLIGHT

Delivery scope

	Identcode
• e:cue SYMPL relay Node	AB444190035
• Safety instructions	
• Welcome note	

CE

ETL
c   us
LISTED
Intertek
4000805

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

UK
CA

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	125 g
Power supply	24 V DC (terminal plug) wire gauge: 0.21 ... 3.31 sqmm; or PoE IEEE 802.3af on RJ45
Power consumption	2.8 W
Operating temperature	0 ... 50 °C/32 ... 122 °F
Storage temperature	-10 ... 70 °C/14 ... 158 °F
Electrical safety	SELV
Operating/storage hum.	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
Interfaces	3 x SPDT relays, 3-pin terminal plug wire gauge: 0.21 ... 3.31 sqmm

Interface specifications	Contact ratings per relay:
	  UL approved: 3 A @ 250 V AC /
	    3 A @ 30 V DC
	  VDE approved: 5 A @ 250 V AC
	    (resistive load) /
	    2 A @ 250 V AC ; cos(phi)=0.5
	Reinforced isolation contact/control
	  system: 5 kV (1.2/50µs)
	Isolation between contacts:
	  1 kV (AC)

Ethernet-Port	1 x e:net 10/100 Mbit/s RJ-45
User interface	LEDs for error, Ethernet activity, device status, relay status Identify button

Dimensions

All measures in mm

53.5

62

90.5

Subject to modification without prior notice. Typographical and other errors do not justify any claim for damages. All dimensions should be verified using an actual part.