

SYMPL relay Node



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 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 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

- e:cue SYMPL relay Node
- Safety instructions
- Welcome note

Identcode

AB444190035

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 / 0.27 lb
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

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.

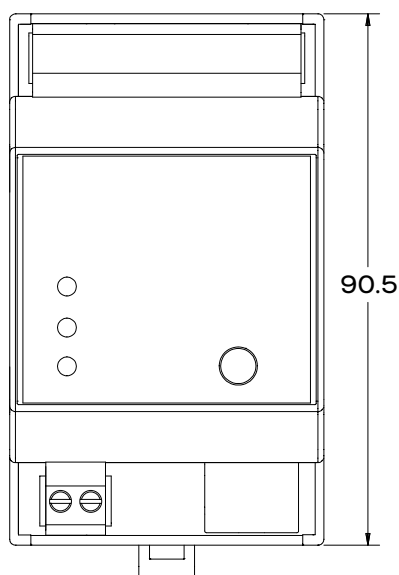
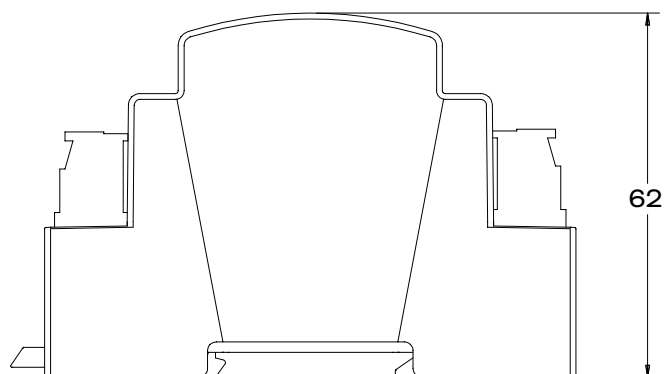
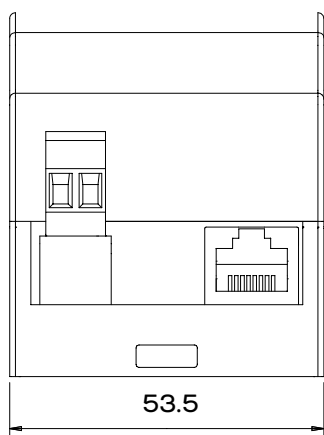
Operating temperature	-20 ... 50 °C / -4 ... 122 °F
Storage temperature	-20 ... 70 °C / -4 ... 158 °F
Electrical safety	SELV
Op./storage humidity	0 ... 80% non-condensing
Protection Class	IP20
Installation	Indoor installation only, intra building communication only
Housing material	Self extinguishing blend PC/ABS UL document E140692
Mounting	on 35 mm DIN rail (EN 60715), 3 units or with key hole on any stable vertical surface
Certification	CE, ETL, UKCA

Interface specifications

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

**Intertek**
4000805Conforms to ANSI/UL Std. 62368-1
Certified to CSA Std. C22.2 No. 62368-1