

nodeCUE-relay2-w

Two Relays Switching Unit with Wi-Fi Communication

cue



Main Features

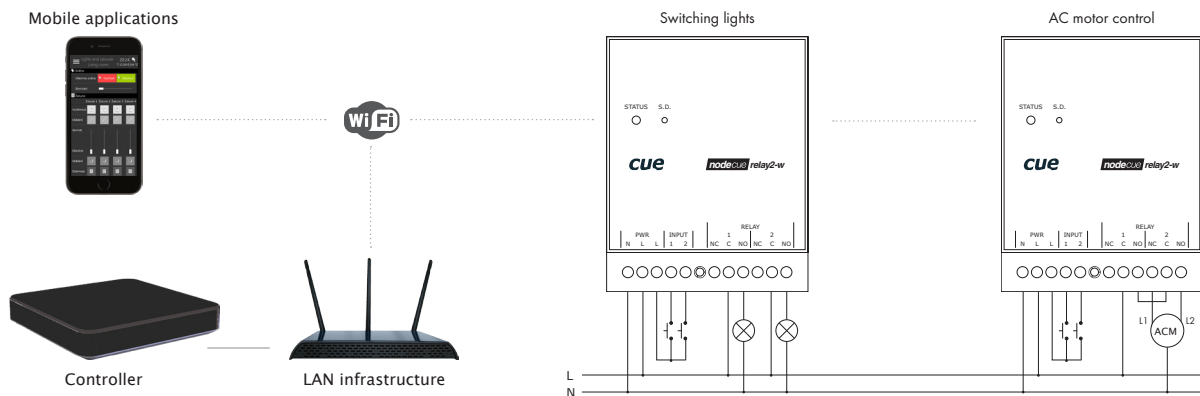
- 2x high-voltage relay output with NC-C-NO contacts
- 2x power button input for local operation
- Power supply 100 ÷ 240 VAC, 50/60Hz
- Wi-Fi 802.11b/g/n communication
- Easy Wi-Fi provisioning
- Fully compatible with touch panels and controllers
- Fully integrated to Cue Visual Composer programming
- API for custom applications available
- Power supply 100 ÷ 240 VAC, 50/60Hz
- Plastic enclosure for wall or DIN rail installation

Description

The nodeCUE-relay2-w is a two-channel relay switching unit. The unit can be controlled by Wi-Fi and by contact inputs. These contact inputs are intended to be used mainly as “wall switches” for local control of dedicated relay circuits. To fulfil various tasks, the input operation can be assigned to different functions by setting their functional parameters in the configuration. Front panel includes LED indicator dedicated for programming. The unit can be combined with all CUE’s touch panels, mobile applications and controllers. The enclosure allows simple installation on a wall as well as into a switchboard using DIN rail.

The interface uses SmartConfig technology - a one-step and one-time process to connect a unit to the home wireless network. SmartConfig leverages the standard mechanisms present in Wi-Fi to configure an association information on the fly, regardless of whether the user-interface is available. In this process a Wi-Fi enabled device such as a smartphone, tablet or a laptop is used to send the association information to the unit. Additionally, it can be used to associate multiple devices to the same AP simultaneously. The configuration process is secured with AES-128 encryption, and the SSID and KEY length are supported up to 32 bytes. And furthermore, the device used to configure (smartphone, tablet, or PC) stays connected to the user’s home network during the configuration process (as opposed to other methods that require disconnection).

Application Diagram



Box Contents

Interface nodeCUE-relay2-w
Data Sheet
Cue System Connector Wiring Sheet
Declaration of Conformity

Order Information

Product code CS0484

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Specifications

2x Power button input

Common contact connected to L
Buttons for local operation
Terminals 1.5 mm²

2x Potential free relay NC-C-NO

Normal close, common and normal open contacts
Max. voltage 250 VAC
Max. output load per channel
Resistive load: 10 A
Capacitive load: 10 A
Inductive load: 2 A
Terminals 1.5 mm²

Status indicator

Set button

Network

Wireless IEEE 802.11b/g/n Wi-Fi 2.4 GHz

Power supply

100 ÷ 240 VAC, 50/60Hz
Terminals 1.5 mm²

Physical

Compact plastic enclosure
4 modules width, DIN rail compatible with EN 50022
Any flat surface mounting

Dimensions 71.1 x 90 x 32.2 mm / 2.8" x 3.5" x 1.3"

Weight 0.15 kg / 0.3 lb

Environment conditions

Operating temperature 10° to 40° C

Storage temperature 0° to 60° C

Relative humidity 10% to 90% non-condensing

Mechanical

