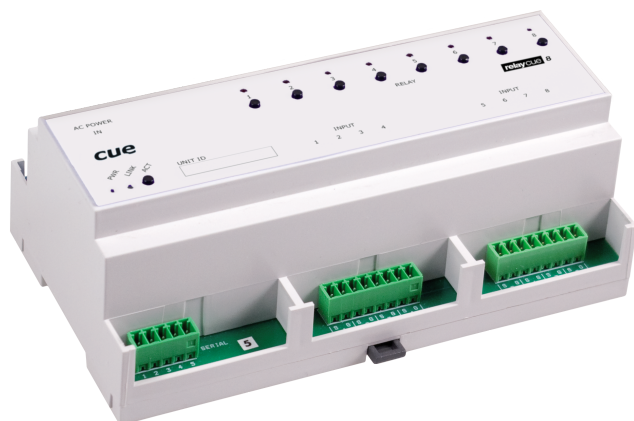


relayCUE-8

Eight power relays controlled by serial channel

Product code: CS0335



Main features

- Power relay unit up to 10 A per channel for resistive loads
- Eight independent potential-free switching outputs
- Eight inputs for external switches (wall buttons, etc.)
- Controlled by serial channel RS-485
- Test buttons on the front panel
- Indication of power and serial channel activity
- Indication of power relay status
- Unified enclosure designed for DIN rail installation
- Easy installation

Description

The relayCUE-8 is an eight-channel relay switching unit for loads up to 10 A per channel. It is suitable for control of lights (incl. time-switch), drapes, projection screens, AC and DC motors, etc.

The unit can be controlled by serial channel RS-485 and by potential free contact inputs. These contact inputs are intended to be used mainly as “wall switches” for direct control of dedicated relay circuits. To fulfill various tasks, the input operation can be assigned to different functions by setting their functional parameters in the project configuration.

The programmable parameters are response on the input, delayed on / off, pulse, and drapes, and motor control sequence. Basic parameters can be set using buttons on the front panel, other parameters are set by the serial channel. The front panel includes LED indicators for power supply, serial channel activity, and status of all power relays. The unit can be combined with all Power Express units. The enclosure allows simple installation on a DIN rail.

Installation and setup

For detailed information on the installation and settings of this unit, see relayCUE-8 Setup Guide.

Specifications

Control ports

- 8x Digital contact closure input, 2x 8-pin connector

Power ports

- 4x High-voltage relay C-NO
- 4x High-voltage relay NC-C-NO

Insulation strength

- 2.5 kV between power and control circuits

LED indicators

- 3 x LED indicators for power supply, serial channel activity
- 8x status of all relays

Buttons

- 8x Test button for power relay control
- 1x ACT button for address and bank settings

Serial communication

- RS-485, 5-pin connector

Power supply

- 110 or 230 VAC, 50 / 60 Hz, 6 W
- Terminals 1.5 mm²

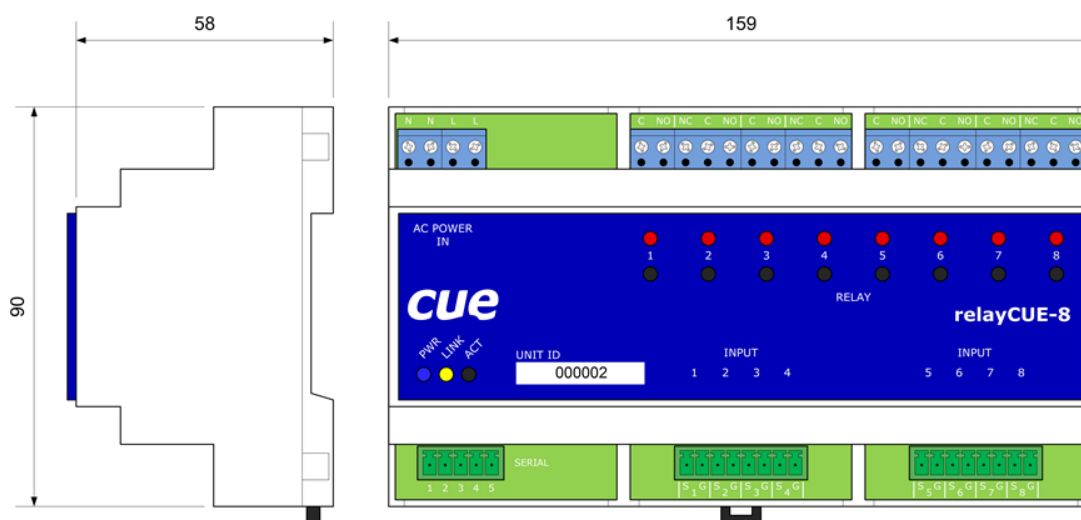
Physical

- Plastic DIN rail compatible enclosure
- Dimensions
 - 159 x 90 x 58 mm / 6.2" x 3.5" x 2.3"
 - 9 DIN modules 17.5 mm
- Weight 0.5 kg / 1.1 lb

Operating environment

- Temperature 0° to 60° C
- Humidity 10% to 90% non-condensing

Mechanical description



Box contents

- relayCUE-8
- Connector set
- Cable RS-485 5-pin to RJ-11
- Data Sheet
- Cue System Connector Wiring Sheet
- Warranty Conditions
- Declaration of Conformity

Order information

Product codes

- CS0335-1 version 110 VAC
- CS0335-2 version 230 VAC

Documentation

More information can be found in CUE Documentation:

- relayCUE-8 Setup Guide
- relayCUE-8 Quick Start