relayCUE-8

CS0335

Description

The relayCUE-8 is an eight-channel relay switching unit for loads up to 230V/10A per channel. The unit can be controlled both by serial channel RS-485 from the controller serial port 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 fulfil various tasks, the input operation can be assigned to different functions by setting their functional parameters in the project configuration.

Addressing

The ADDRESS can be set in the range 0 to 11. There can be 10 banks assigned by BANK number. The BANK number is a value in range 0...9. In each BANK there can be relayCUE-8 units - each of them with different unit ADDRESS.

Default ADDRESS and BANK is 0.

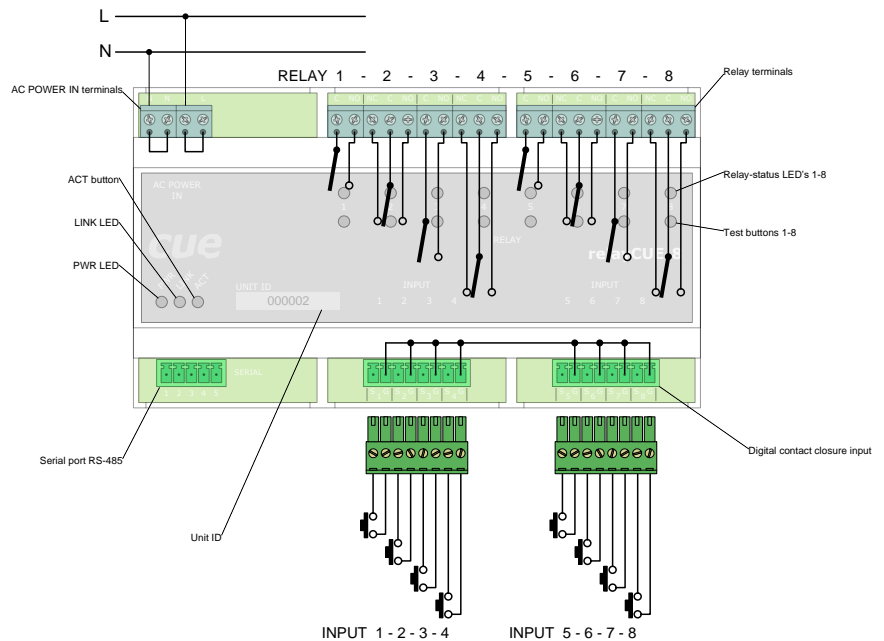For changing of ADDRESS and BANK see user manual.

relayCUE-8 front view, Power, input and output connection

relayCUE-8, version 110V (CS0335-1) has AC POWER 110 VAC / 6W, 50/60 Hz

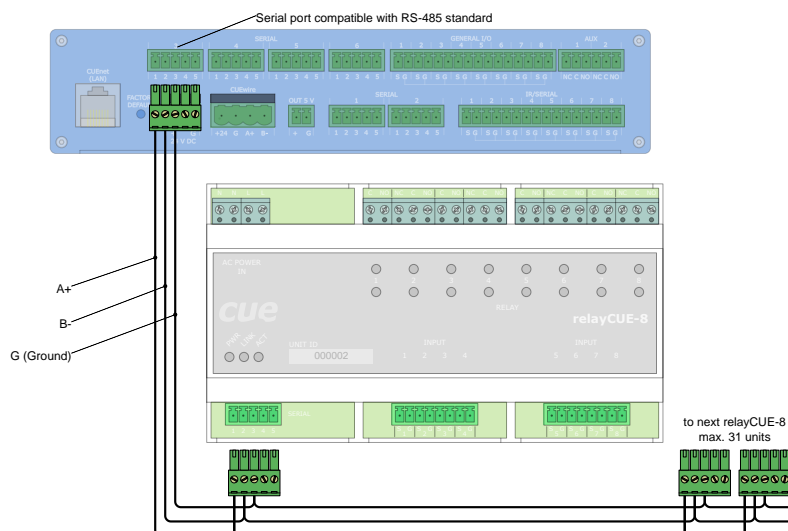relayCUE-8, version 230V (CS0335-2) has AC POWER 230 VAC / 6W, 50/60 Hz

RELAYS and AC POWER are connected via screw-type terminals up to 1.5 mm^2

SERIAL PORT RS-485 and INPUTS are connected via connector Phoenix 3.5 mm

RS-485 port connection

For other types of connection (PEbus, RS-232, IR/SERIAL port), see user manual.

Important note

The relay contacts in relayCUE-8 are constructed for resistive load up to 230V/10A. If these relays are used for the switching of inductive (or capacitive) loads, voltage or power peaks can occur, which may exceed these parameters even if the load has the stated take-off lower than 230V/10A. We therefore do not recommend using relayCUE-8 for switching inductive or capacitive loads with take-off higher than 400W.

If you need to switch higher loads, use contactors. Unlike relays, contactors are designed with features to control and suppress the arc produced when interrupting inductive load currents. You can then use the relay of the relayCUE-8 unit to control the coil of this contactor.