

inputCUE-W

Input Unit for Electrical Wall Box

cue



Description

The inputCUE-W connects up to eight contacts (for example wall switches) and one temperature sensor Pt1000 (sensor is not delivered) to a control system. The unit also has eight digital outputs suitable for connection of indication LEDs. Two sets of 16-pin connector with 400 mm cables are delivered with this unit. Every input and output has its unique colour of cable. The enclosure allows simple installation into standard European electrical wall box. Addressing of the unit is set by DIP switches and RS-485 activity is indicated on LED placed on PCB.

Box Contents

inputCUE-W
Connector set
Data Sheet
Cue System Connector Wiring Sheet
Warranty Conditions, Declaration of Conformity

Order Information

Product code CS0334

Applications

- Commercial single-room applications
- Meeting rooms, conference rooms, boardrooms
- Huge multi-room and multi-floor distributed systems
- Complete residential home automation
- High-tech homes

Main Features

- 8x input for potential free contacts
- 8x output suitable for connection of indication LEDs with programmable brightness or for driving the equivalent of one TTL logic gate
- Input for temperature sensor Pt1000
- System connection by RS-485
- Small enclosure
- Installation into standard European electrical wall box

Specifications

Digital Inputs

8x potential free contact input
16-pin connector JST, type PHDR-16VS

Temperature sensor input

1x for Pt1000, 2-pin connector 3.5 mm
Temperature measurement range -40°C to +120°C
Temperature measurement precision
±1°C in range 0°C to +50°C
±2°C in range -40°C to +120°C

Outputs

8x output for LED's, 16-pin connector JST, type PHDR-16VS
Output current 0 - 5 mA, programmable in 16 steps (PWM)

LED indicators

RS-485 activity and input switching

Address setting

DIP switch

System communication

RS-485 (CUEwire), 2-pin connector 3.5 mm

Power supply

24 VDC (+/- 20%), 2 W, 2-pin connector 3.5 mm

Physical

Plastic enclosure
Dimensions diameter 51 mm, depth 21 mm (plus IO cables)
Weight 0.1 kg / 0.2 lb

Operating environment

Temperature 10° to 40° C
Humidity 10% to 90% non-condensing