

# LD-D8-IQ

**ballast controller for 8 DALI groups**

|               |                     |
|---------------|---------------------|
| Model number: | <b>LD-D8-IQ</b>     |
| Mounting:     | DIN rail, 2M / 35mm |



## Applications

- dimmable lights with DALI bus compatible ballast

## Features

- 2 direct controlled groups (push-buttons) + 6 controlled from scene/app or from push button on LC-10-IQ, HC-IQ or Cybro-3/MC
- maximum 64 DALI ballasts
- internal DALI power source - no additional power source needed

## General description

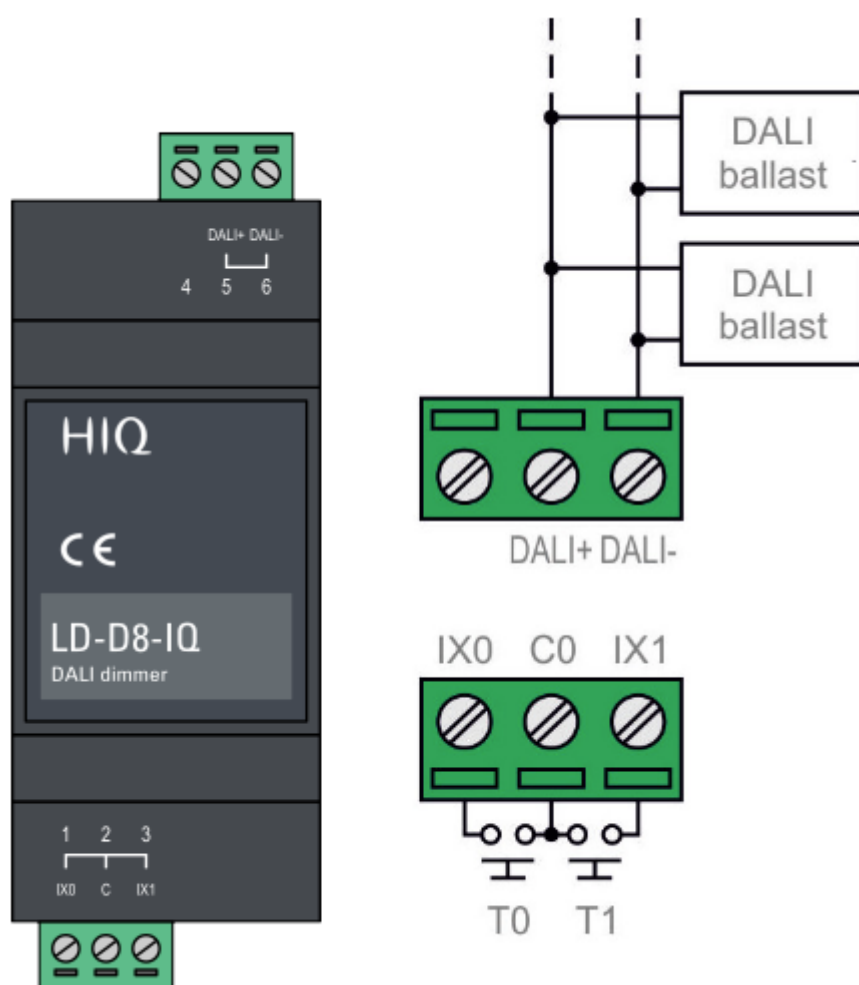
The DALI dimmer LD-D8-HIQ is hIQ module capable of controlling up to 8 individual DALI groups. Integrated DALI power supply can power up to 64 DALI ballasts. First two DALI channels are directly controlled with push-buttons connected to module digital inputs. Module can manage additional 6 DALI groups for mood-lighting, which can be controlled from applications.

## Technical specification

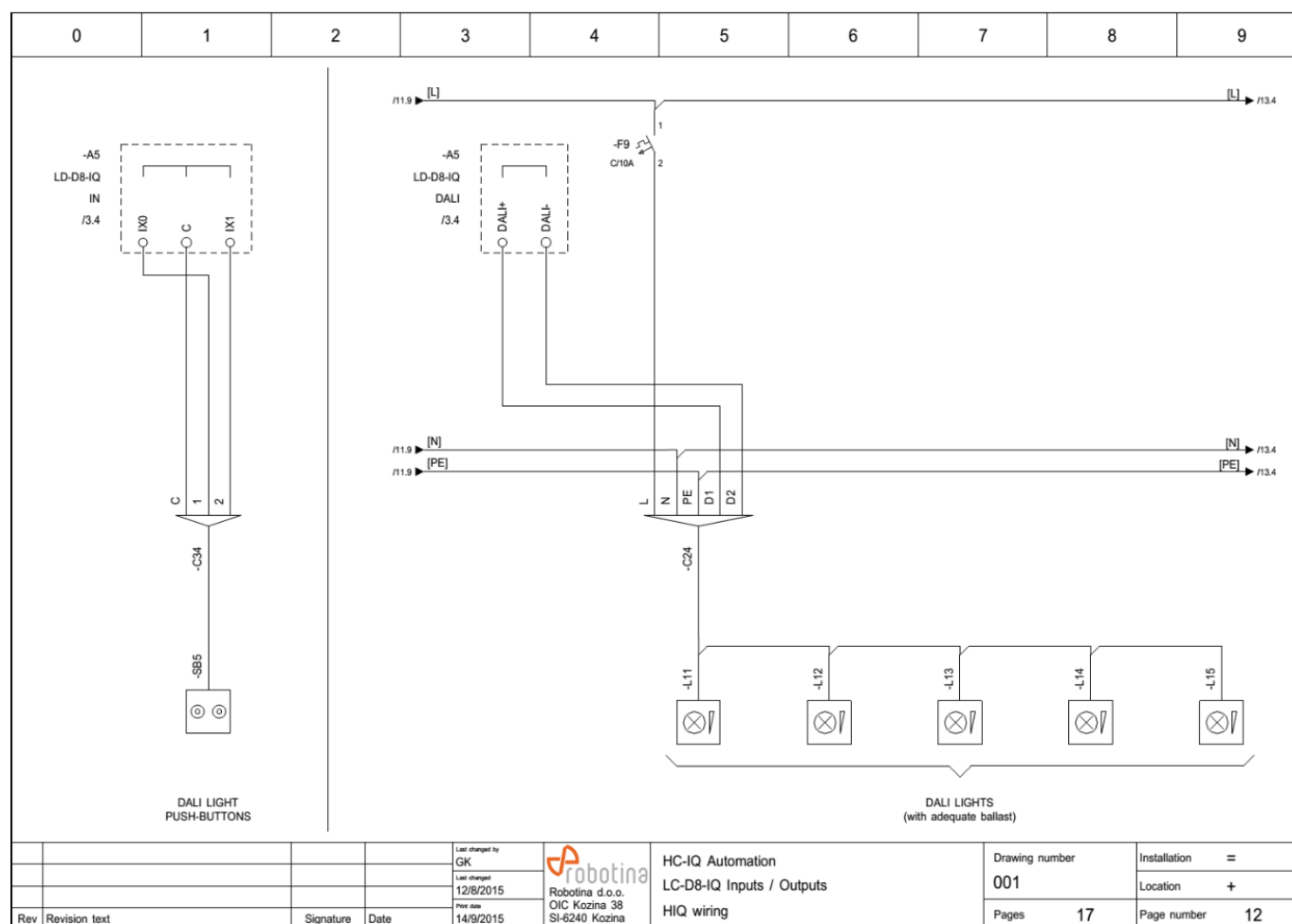
|                        |                            |
|------------------------|----------------------------|
| Analog inputs:         | 10k / 1-10 V; auto-range   |
| Digital inputs:        | internal pull-up, 12V, 2mA |
| Multi-sensor input:    | Philips LRI8133, RJ12      |
| DALI output:           | max. 64 ballasts/200mA     |
| Power supply:          | 24V/35mA (235mA with DALI) |
| Ingress protection:    | IP20                       |
| Operating temperature: | 0..45°C                    |
| Storage temperature:   | -20..75°C                  |
| Relative humidity:     | 0..95% n/c                 |

## Terminals

|                          |            |          |                 |  |          |          |              |               |
|--------------------------|------------|----------|-----------------|--|----------|----------|--------------|---------------|
| DALI group 1 push-button | <b>IX0</b> | <b>1</b> | Digital input 0 |  |          | <b>4</b> |              | Not connected |
| Push-buttons common      | <b>C</b>   | <b>2</b> | Inputs common   |  | DALI bus | <b>8</b> | <b>DALI+</b> | DALI bus      |
| DALI group 1 push-button | <b>IX1</b> | <b>3</b> | Digital input 1 |  |          | <b>9</b> | <b>DALI-</b> |               |



# Wiring diagram



## Dimensions

