LD-D8-IQ

ballast controller for 8 DALI groups

Model number:	**LD-D8-IQ**
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
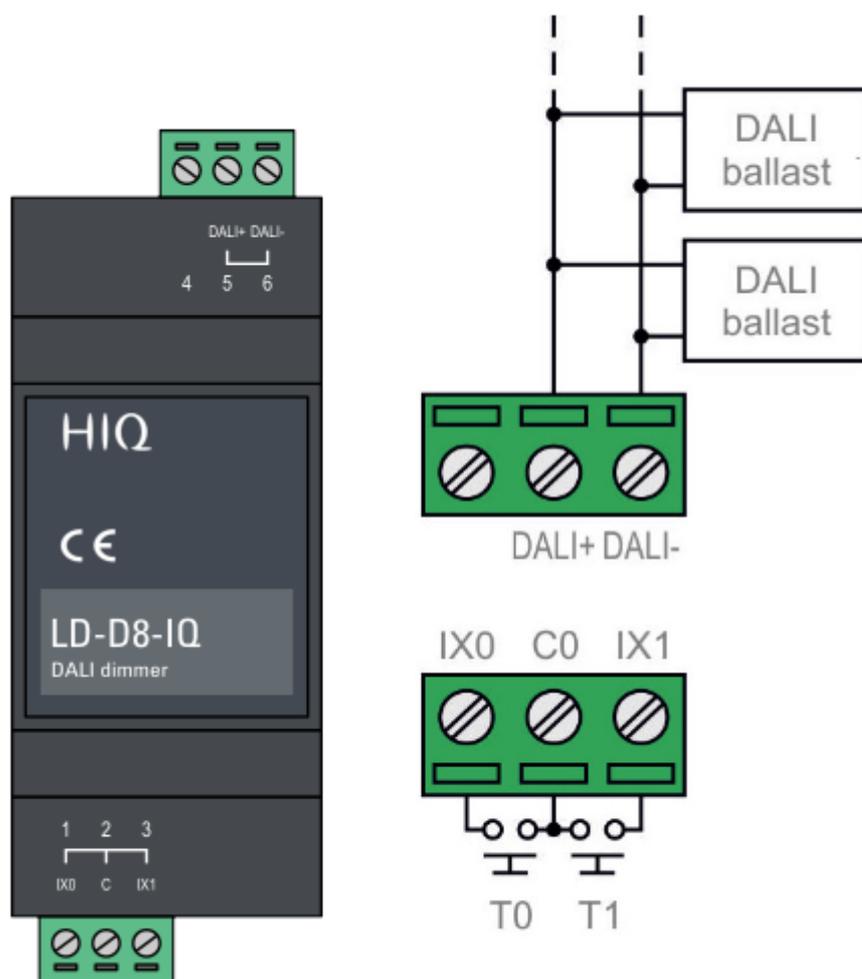
General description

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.
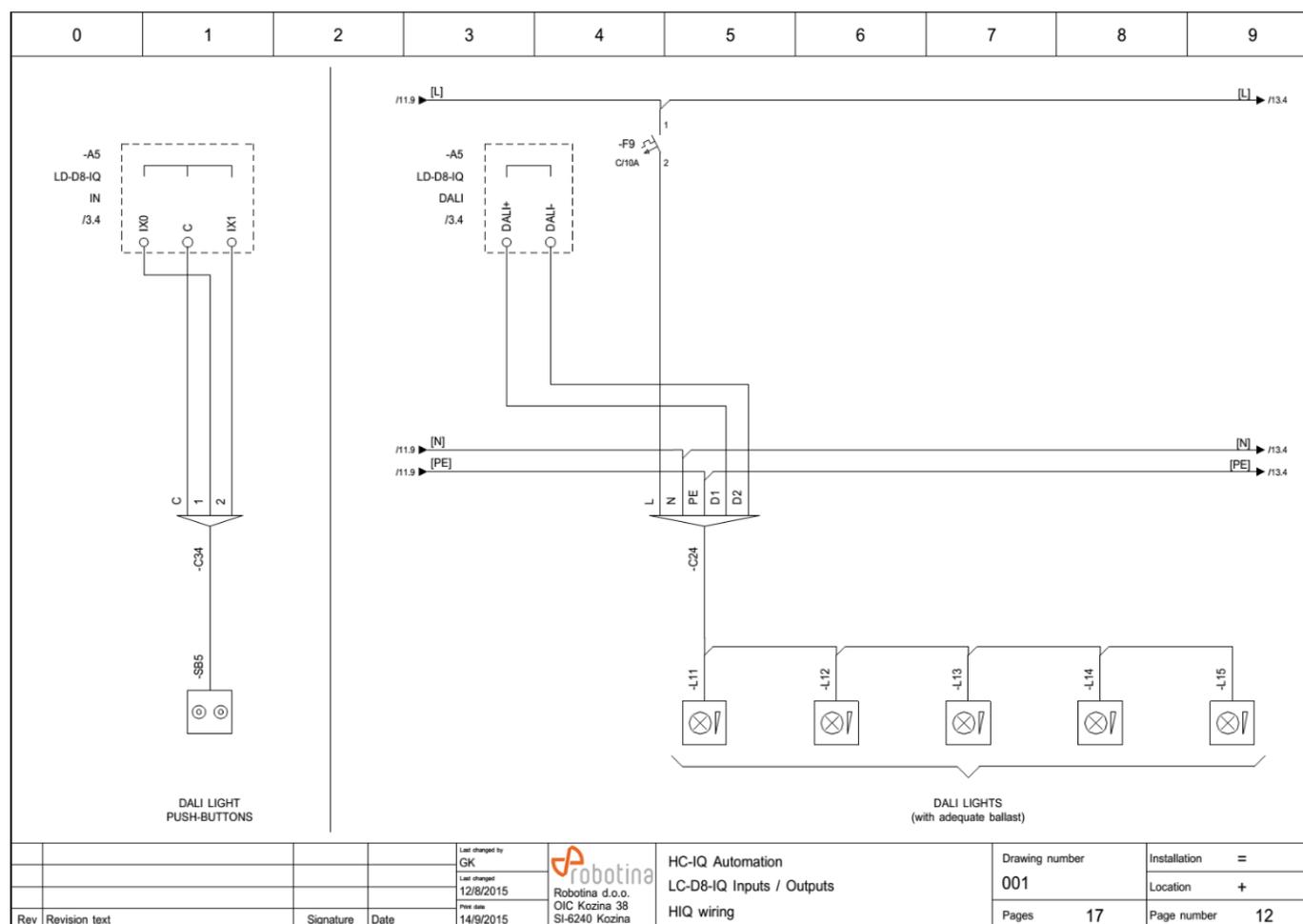
Technical specification

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

Wiring diagram

			Last changed by GK		HC-IQ Automation	Drawing number	Installation =
			Last changed 12/8/2015	Robotina d.o.o.	LC-D8-IQ Inputs / Outputs	001	Location +
Rev	Revision text	Signature	Date	Print date 14/9/2015	OIC Kozina 38 SI-6240 Kozina	HIQ wiring	Pages 17	Page number 12

Bus Connection Cable

- The product includes a 2.5 cm RJ9-to-RJ9 bus cable (Order code: CAD-P0) for connection to controllers, allowing the units to be linked together.
- Longer cable versions are available under order codes CAD-Px.

Dimensions