

DLLI5I-DALI

Dry Contact Interface



Specification Sheet

Gateways > Integration Devices



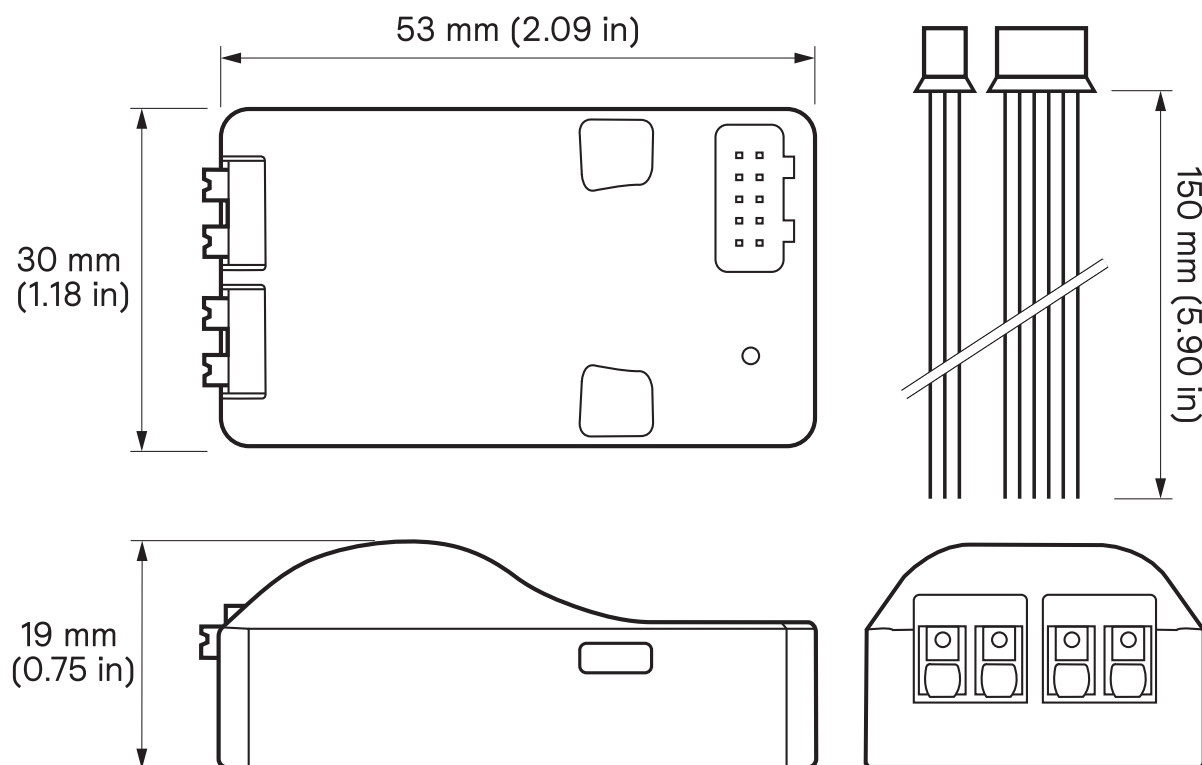
Five-way DALI dry contact interface

The Dynalite DLLI5I-DALI enables mechanical and electronic switches to interface directly with a Dynalite DALI controller via the DALI bus.

Key Features

- **DALI device** - Designed to operate seamlessly with the Dynalite DDBC120-DALI or DDBC320-DALI controller.
- **Powered directly by the DALI network** - Eliminates the need for additional network field wiring.
- **Five dry contact inputs** - Each dry contact trigger is individually programmable for a range of tasks.
- **Fully programmable** - Each individual input is fully software-programmable over the DALI network, supporting multiple functions such as lighting scene selection, room join, and toggling lighting on/off.
- **Compact size** - Inputs are presented on flyleads, making the device suitable for installation behind multi-gang switch grids.
- **Simple dry contact interface** - Can be used for low-level integration to third-party systems such as security and air conditioning, so that lighting can be coordinated with other services in the project.

Dimensions



Specifications

Electrical	
Supply Type	DALI
Supply Voltage	9.5-22.5 VDC
Supply Current	5.5 mA
IEC Overvoltage Category	III
Notes	Only suitable for mains insulation rated switches.

Control	
Communication Ports	1 x DALI
Dry Contact Inputs	5

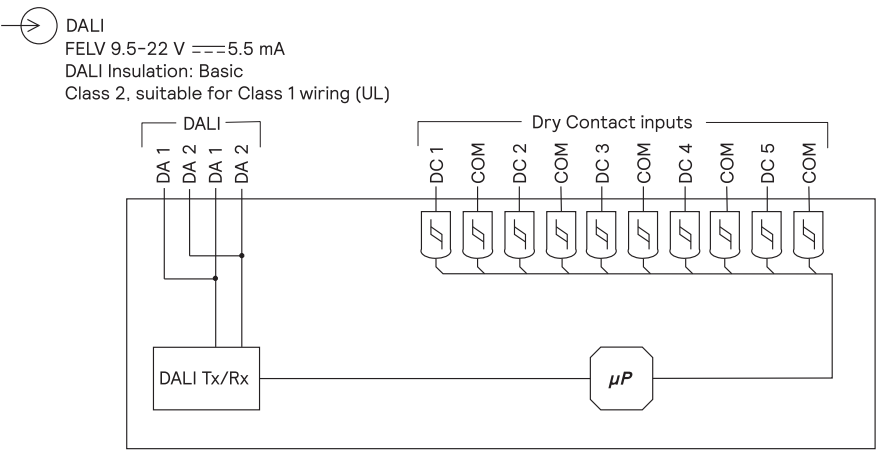
Physical	
Dimensions	19 x 53 x 30 mm (0.75 x 2.09 x 1.18 in)
Packed Weight	50 g (0.11 lb)
Construction	Plastic housing
Communication Ports	2 x two-way push-in terminal
Dry Contact Terminals	10 x flylead
Flylead Length	150 mm (5.9 in)

Environment	
Operating Temperature	0° to 50°C ambient (32° to 122°F)
Storage/Transport Temperature	-25° to 70°C ambient (-13° to 158°F)
Relative Humidity	≤90% non-condensing
IEC Pollution Degree	II
Installation Note	For indoor installation only

Compliance	
Certifications	CE, RCM, UL/cUL, FCC, ISED, UKCA, DALI-2
Sustainability	RoHS
IP Rating	IP20



Electrical Drawing



Ordering Codes

Product		12NC
DLLI5I-DALI		913703406209
DLLI5I-DALI-QTY5	(Pack of 5)	913703413609

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the Dry Contact Interface as specified in this product specification sheet (the "**Dry Contact**") that is part of or works with a Professional System offered by Signify for use in the European Union and supplements and/or corrects the Generic Data Notice For Professional Systems and Services that can be found at <https://www.signify.com/global/resources/policies-announcements> (the "**Generic Data Notice**") by providing additional and/or more specific details specific to this Dry Contact.

Terms starting with a capital in this Specific Data Notice will have the meaning as attributed thereto in the Generic Data Notice, unless explicitly defined otherwise in this document.

When used in a Signify professional lighting system in combination with a Dynalite Gateway with either the Dynalite Switch App, Dynalite System Builder, Dynalite System Manager, or Dynalite Cloud, the Dry Contact can generate the Data as specified below:

- Operational Data: Lighting control commands based on the events or control logic configured in this product

The type and volume and format of Data that is generated depends on the actual devices connected, the product and/or software configuration. For further details on data generation capabilities of such devices, please check the product specification sheets of such devices.

The Data generated in this combination is communicated via the network to the gateway and is stored on the gateway. If configured to do so, the gateway can forward the Data to Dynalite Cloud or to Dynalite System Manager. For applicable retention period and means of access to Data that is Readily Available Data, please refer to the Dynalite Cloud software specification sheet. Data can be accessed from the Gateway using Dynalite System Builder or directly from any of the APIs of the Gateway. The Gateway will persist the Data for 28 days on a rolling basis.

This Specific Data Notice may be changed by Signify from time to time. The current version of this notice will apply and can be obtained at request via the point of contact as indicated in paragraph 7 of the Generic Data Notice.