

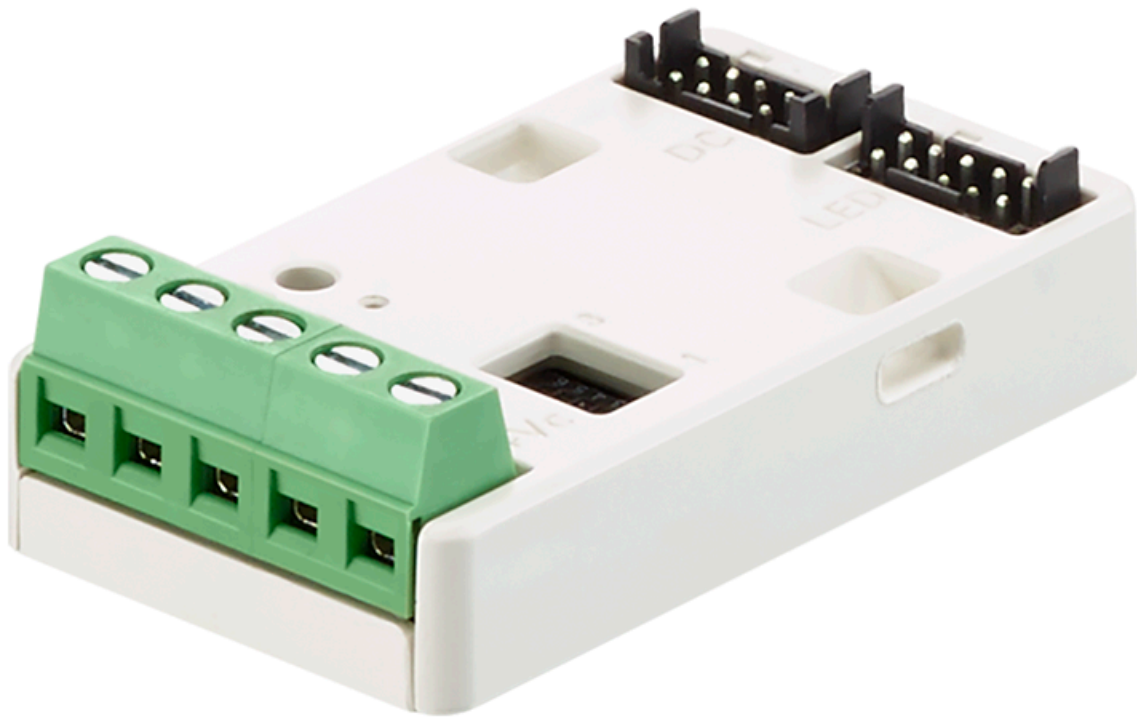
DLLI8I8O

Dry Contact Interface



Specification Sheet

Gateways > Integration Devices



Eight-way dry contact interface with LED outputs

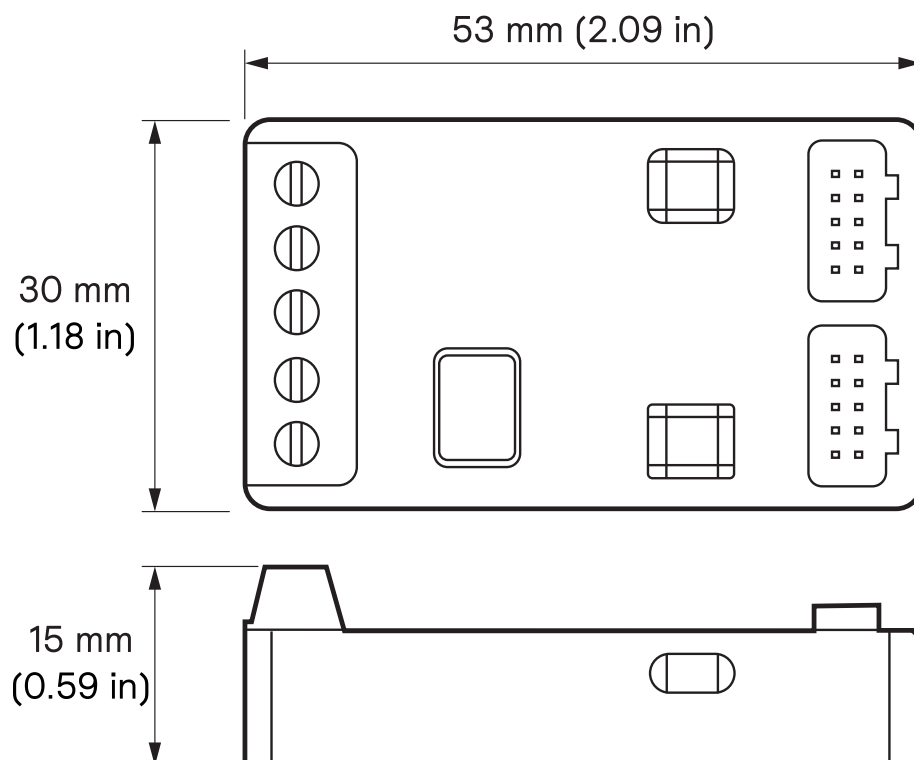
The Dynalite DLLI8I8O enables mechanical and electronic switches to communicate directly to the DyNet network.

This interface is also capable of driving an infrared LED (not included) to function as an IR blaster, controlling devices that support IR receive in response to commands from the DyNet network.

Key Features

- **Compact size** – Supports installation in electrical wall boxes for easy integration with third-party user interfaces.
- **Eight dry contact inputs** – Each dry contact trigger is individually programmable for a range of tasks.
- **Eight indicator outputs** – Each output is individually programmable to drive an external LED indicator sharing a common cathode, communicating current system status or settings.
- **Supports up to 20 m cable runs** – Enables convenient connection to dry contact interfaces in multiple rooms.
- **IR blaster functionality** – Configurable to send infrared commands when paired with a compatible third-party IR LED (See Installation Instructions. Required command sequences must be sourced and uploaded via Dynalite System Builder commissioning software).

Dimensions

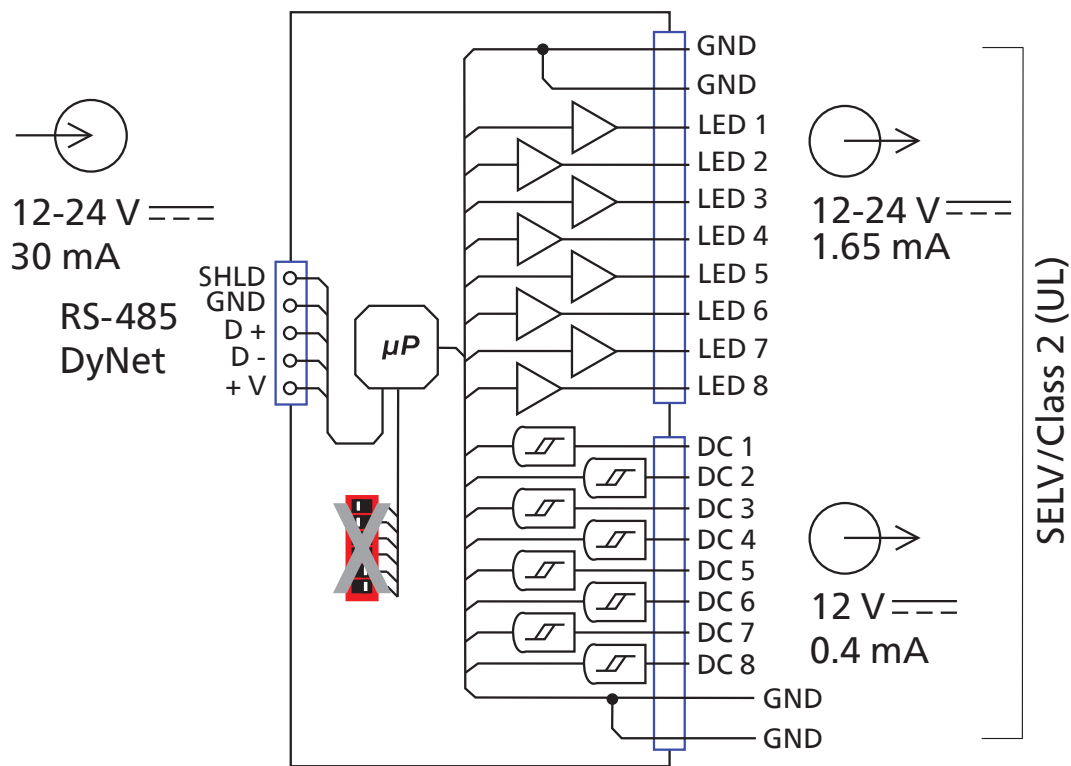


Specifications

Electrical	
Supply Type	DyNet
Supply Voltage	12–24 VDC
Supply Current	30 mA
Dry Contact Open Switch Voltage	12 VDC (max)
Dry Contact Closed Switch Current	0.4 mA (max)
LED Output Channels	8
LED Output Channel Voltage	12–24 VDC (Ensure that connected LEDs match DyNet supply voltage)
LED Output Channel Current	1.65 mA
IEC Overvoltage Category	II
Physical	
Dimensions	53 x 30 x 15 mm (2.09 x 1.18 x 0.59 in)
Packed Weight	50 g (0.11 lb)
Construction	Plastic housing
Serial Ports	5 x screw terminal
Serial Port Conductor Size	0.3–2.5 mm² (#22–12 AWG)
Flylead Length	150 mm (5.91 in)
Environment	
Operating Temperature	0° to 40°C ambient (32° to 104°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
Sustainability	RoHS
Control	
Communication Ports	1 x RS-485
Supported Protocols	DyNet
Dry Contact Inputs	8
User Controls	1 x service switch
Diagnostic Functions	Device online/offline status



Electrical Drawing



Ordering Codes

Product		12NC
DLLI8I8O		913703023009
DLLI8I8O	pack of 5	913703369209

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.