DDMIDC8

Low Level Input Integrator

Signify Dynalite

Specification Sheet

Gateways > Integration Devices



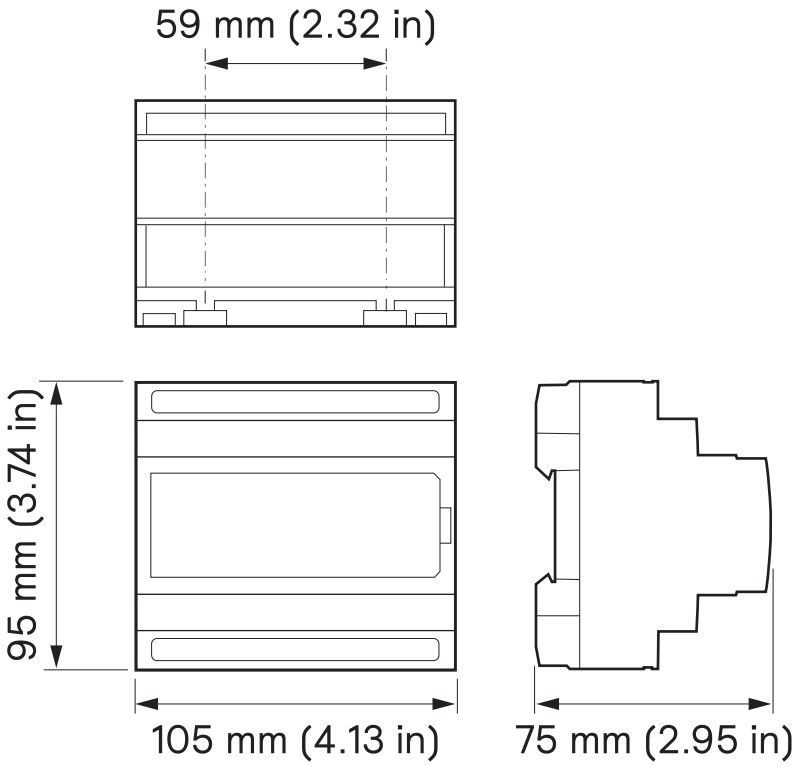
Flexible input integration

The Dynalite DDMIDC8 enables cost-effective input integration to the Dynalite control system from third-party systems such as security, HVAC, and BMS.

Key Features

- **Eight digital inputs** – Individually configurable as a dry contact or 0–24V AC/DC input.
- **LED indicator on each input** – Provides visual status indication.
- **Optical isolation** – All inputs isolated for high noise immunity.
- **Four analog inputs** – Software selectable for 0–5 V or 0–10 V.
- **Programmable Logic Controller (PLC)** – Processes comprehensive conditional and sequential logic and arithmetic functions.
- **Flexible mounting** – DIN rail mounting clips designed for installation in a distribution board or electrical enclosure.

Dimensions



Specifications

Electrical

Supply Type	DyNet
Supply Voltage	12–15 VDC (SELV)
Supply Current	70 mA
Digital Input Isolation	Optical (2.5 kV surge rated)
Analog Input Impedance	20 kΩ
IEC Overvoltage Category	II

Control

Communication Ports	1 x RS-485
Supported Protocols	DyNet
Digital Inputs	8
Digital Input Options	**Dry contact:** 10 VDC @ 1.5 mA (SELV) **Wet Contact:** 10–24 VAC/DC @ 4 mA (SELV)
Analog Inputs	4
Analog Input Options	0–5 VDC @ 0.5 mA 0–10 VDC @ 0.5 mA (SELV)
User Controls	2 x service switch
Indicators	2 x service LED 8 x digital input status LED

Physical

Dimensions	95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)
Packed Weight	0.28 kg (0.62 lb)
Construction	Polycarbonate DIN rail enclosure (6 unit)
Serial Ports	5 x screw terminal
Digital Input Terminals	16 x screw terminal
Analog Input Terminals	9 x screw terminal
Terminal Conductor Size	0.3–2.5 mm² (#22–12 AWG)
Maximum Digital Input Cable Length	50 m (164 ft)
Maximum Analog Input Cable Length	10 m (33 ft)

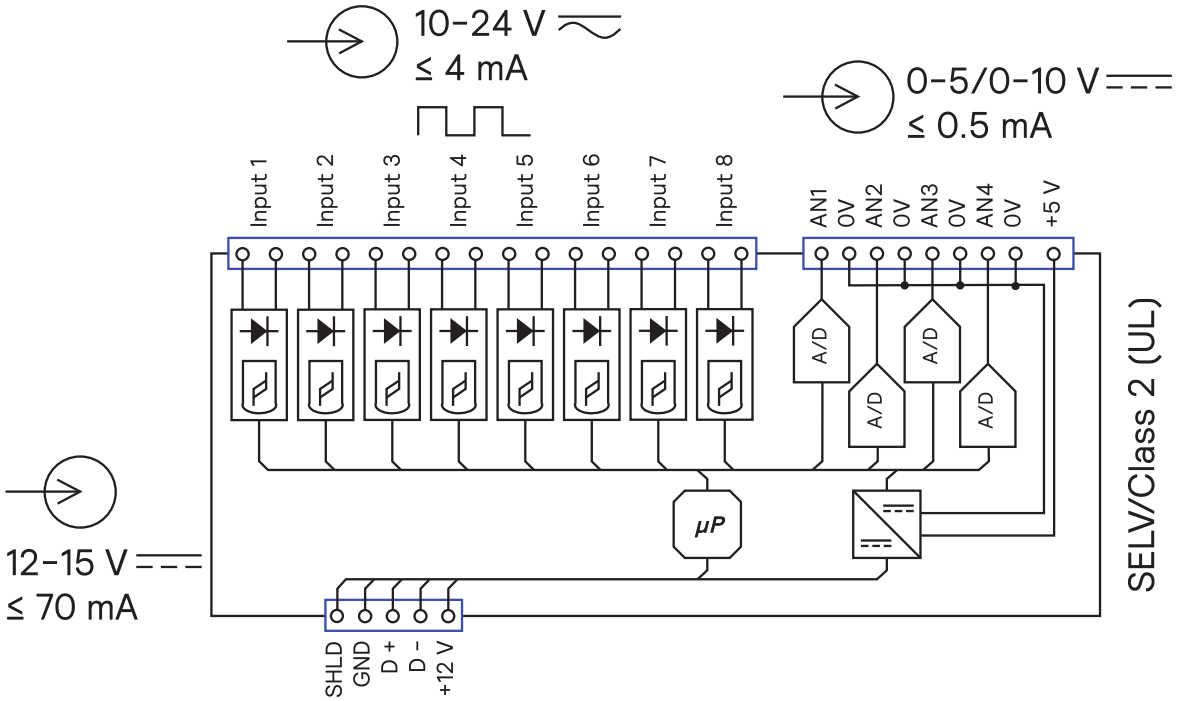
Environment

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, FCC, UKCA, ISED
Sustainability	RoHS

Electrical Drawing



Ordering Codes

Product	12NC
DDMIDC8	913703081109

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the Low Level Integrator as specified in this product specification sheet (the **"Integrator"**) 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 Integrator.

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 Integrator 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.

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