

KNX Network Gateway



Specification Sheet

Gateways > Integration Devices



High-level KNX integration

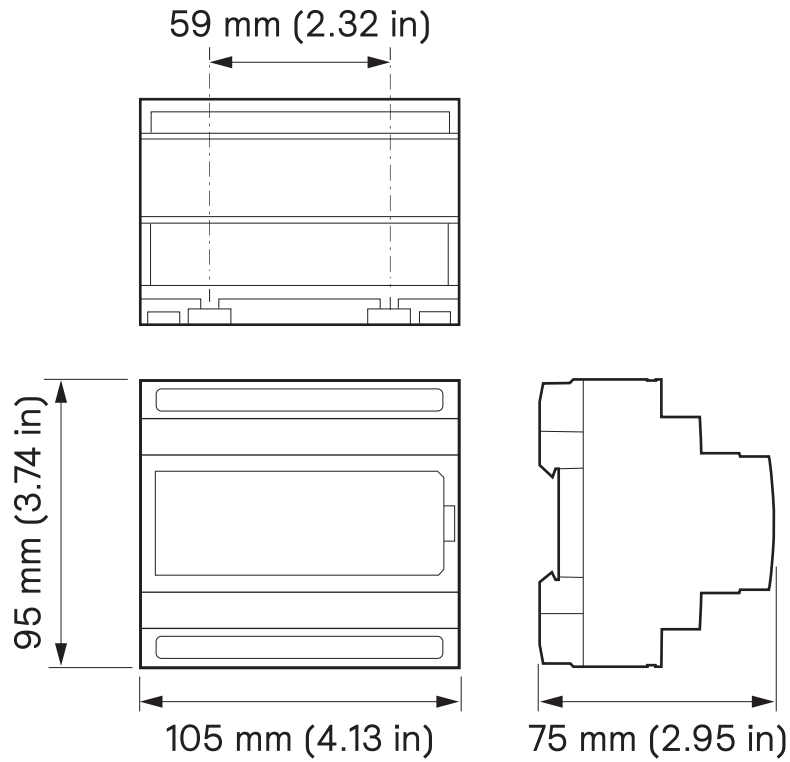
The Dyalite DDNG-KNX provides high-level integration between the Dyalite system and a BMS using the KNX protocol.

Each DDNG-KNX supports up to 250 KNX datapoints.

Key Features

- **Directly trigger tasks** - Use the building management system (BMS) to directly control DyNet functions.
- **Status request** - Interrogate a Dynalite system to request current status information.
- **User controls included** - DyNet/KNX service switches and DyNet/KNX diagnostic LEDs.
- **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 VDC
Supply Current	15 mA
Serial Port Isolation	2.5 kV surge
KNX DC Input Voltage	21-30 VDC
KNX DC Input Current	≤ 10 mA
IEC Overvoltage Category	II

Control	
Communication Ports	1 x RS-485 1 x KNX
Supported Protocols	DyNet DyNet2 KNX EIB
KNX Datapoints	250
Dry Contact Inputs	1 (AUX)
User Controls	1 x DyNet service switch 1 x KNX service switch
Indicators	1 x DyNet service LED 1 x KNX service LED
Diagnostic Functions	Device Online/Offline status

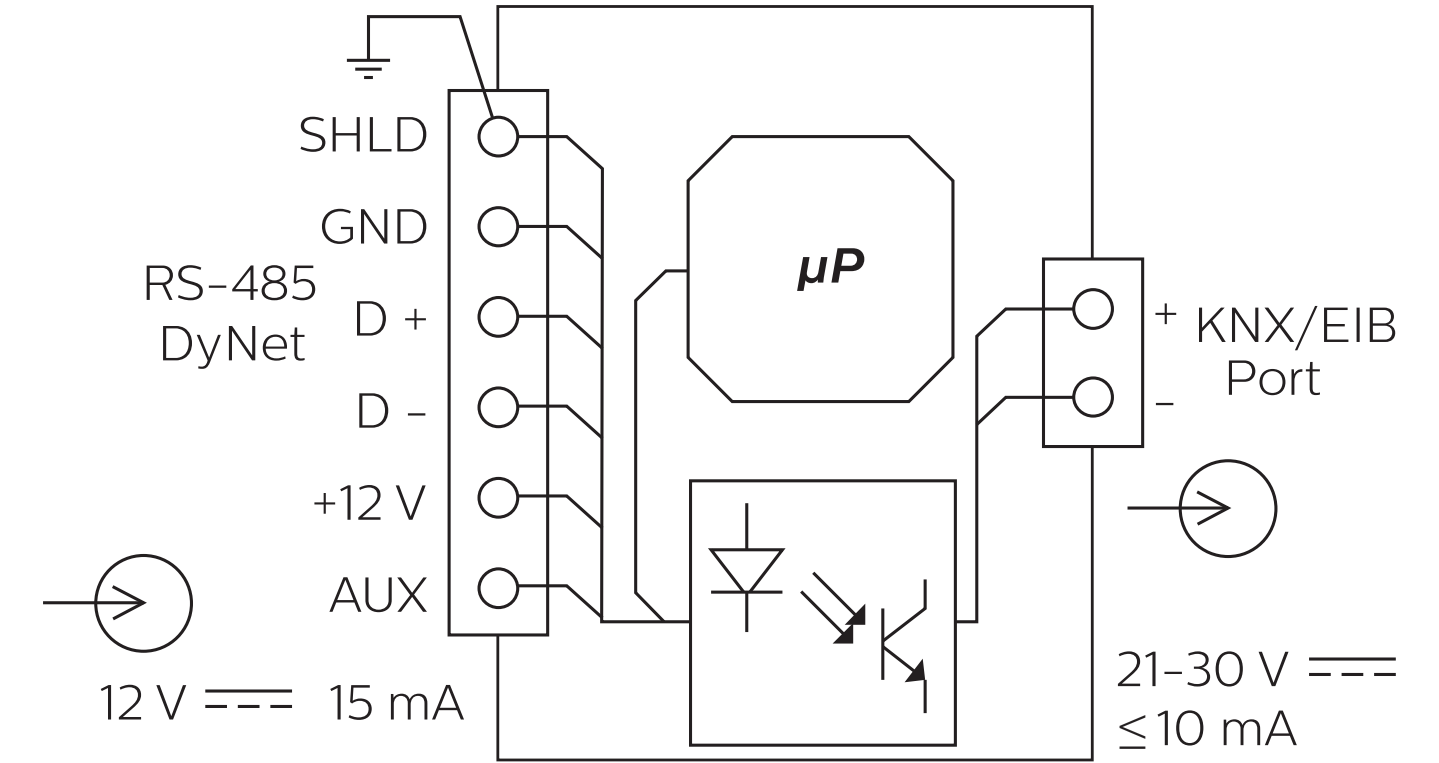
Physical	
Dimensions	95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)
Packed Weight	0.25 kg (0.55 lb)
Construction	Polycarbonate DIN rail enclosure (6 unit)
Serial Ports	6 x screw terminal 1 x 2-way pluggable screw terminal
Serial Port Conductor Size	≤2.5 mm² (#12+ AWG)

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	≤95% non-condensing
IEC Pollution Degree	III
Installation Note	For indoor installation only

Compliance	
Certifications	CE, RCM, UKCA
Sustainability	RoHS



Electrical Drawing



Ordering Codes

Product	12NC
DDNG-KNX	913703080509

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the RS-485 network Gateways as specified in this product specification sheet (the "**KNX Gateway**") 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 Gateway.

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 KNX Gateway can generate the Data as specified below:

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

The type and volume and format of Data that is generated depends on the actual devices used in the KNX network, 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.