

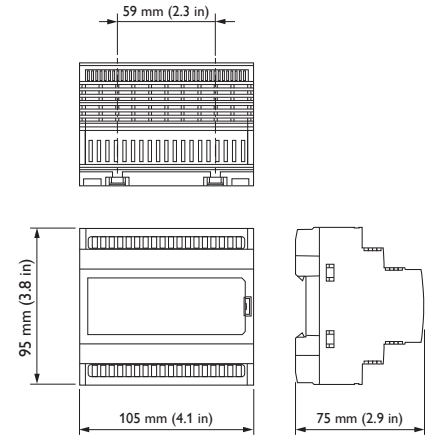


DDNG-KNX KNX Network Gateway

High level KNX integration

The DDNG-KNX allows for high level integration between the Philips Dynalite system and BMS using the KNX protocol.

- Directly trigger tasks — Use the building management system (BMS) to directly trigger tasks and time-based event functions.
- Status request — Interrogate the Philips Dynalite system to request current status information.
- User controls included — Including DyNet/KNX service switch and DyNet/KNX Diagnostic LED.



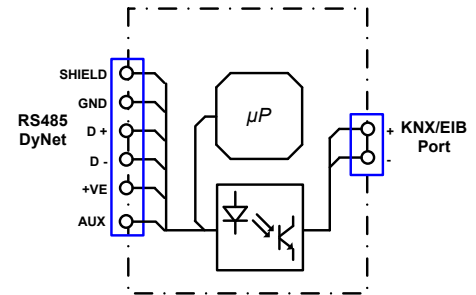
For detailed product information, please refer to the product information pages at www.philips.com/dynalite and follow the links.

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Electrical	Input Voltage	12V DC @ 0.50 mA from the DyNet network, via Port 1
Control	Control Ports	One RS-485 DyNet/DyNet II serial port One KNX
	Serial Port Isolation	2.5 KV surge isolation between ports
	User Controls	Service switch - DyNet & KNX Diagnostic LED - DyNet & KNX
	Internal Controls	Programmable Logic Controller - 64 Tasks
	Diagnostic Functions	Device Online/Offline status
Physical	Serial Port Terminals	Port 1: DyNet SHLD, GND, D+, D-, +12V, AUX 1 x 2.5 mm ² max conductor size Serial Port 2: KNX KNX +, KNX - 1 x 2.5 mm ² max conductor size plug
	Dimensions (H x W x D)	95 mm x 105 mm x 75 mm (3.8" x 4.1" x 2.9")
	Packed Weight	0.25 kg
	Construction	Polycarbonate DIN-rail case (6 unit)
	Operating Conditions	Temperature: 0 to 50° C ambient Humidity: 0 to 90% non-condensing
	Storage & Transport	Temperature: -25 to 60° C ambient Humidity: 0 to 90% non-condensing
Certification	Certification	CE, C-Tick
Options & Ordering	Standard Product	DDNG-KNX (Philips 12NC - 913703080509)

Electrical Diagram



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