

SYMPHOLIGHT Gateway KNX



e:cue SYMPHOLIGHT Gateway KNX

The SYMPHOLIGHT Gateway KNX is an MQTT to KNX interface. It converts data from the lighting management system SYMPHOLIGHT into the KNX format. Forward e.g. movement and brightness information and to process it smartly in the KNX system.

With the integrated web interface, you can configure the SYMPHOLIGHT Gateway using a web browser, save the configuration and call up statistics and documentation. That makes configuring the devices significantly easier, allowing them to be commissioned more quickly. The web interface also enables the use of different upgrade options of the gateway, such as activation on up to 2,500 data points.

Highlights

- Converting SYMPHOLIGHT's MQTT to KNX
- Forwarding of any data from SYMPHOLIGHT via MQTT, e.g. brightness and color information, sensor, energy and luminaire information (RDM, DALI)
- Available with 25, 500 or 2500 data points (1 data point corresponds to one unidirectional piece of information from SYMPHOLIGHT)
- Automation functions (alarms, trend log recording and scheduling) on a data point basis
- Reporting of system status, sequence information and failures
- Web interface for configuration
- Fast import of large data point configuration via Excel file
- Incl. SYMPHOLIGHT license for transmission of MQTT data

e:cue Interfaces

Lighting applications are heterogeneous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

Delivery scope

- e:cue SYMPHOLIGHT Gateway KNX:

25 data points	AM476260031
500 data points	AM476270031
2,500 data points	AM476280031

- Safety instructions
- Welcome note
- 2-pin Power terminal plug

Identcode

Optional accessories

- Power supply 15W 24V DIN rail AM1884100HA

Product specifications

Dimensions (W x H x D)	48 x 100 x 65 mm / 1.89 x 3.94 x 2.56 in (excl. fastening clip)
Weight	300 g / 0.66 lb
Power supply input	12 ... 24 V DC or AC
Power consumption	1.9 W
Operating temperature	0 ... 45 °C / 32 ... 113 °F
Storage temperature	0 ... 45 °C / 32 ... 113 °F
Operating / storage humidity	20 ... 80% RH, non-condensing
Protection class	IP20
Housing	metal
Mounting	on 35 mm DIN rail (EN 60715)
Certificates	CE, UKCA

Interface specifications

KNX interface	4-pin plug (+, +, -, -); power consumption KNX bus: max. 7 mA (average 4 mA)
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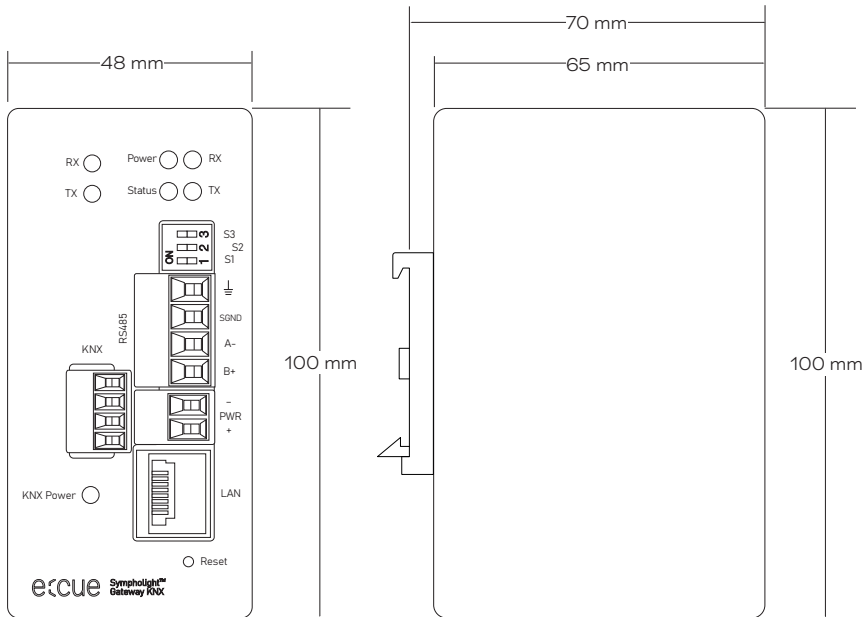
Power interface Power supply on 2-pin terminal plug
 V + : 12 24 V DC or AC
 V - : GND or 12 ... 24 V AC
 wire gauge: 0.2 - 1.3 mm²

Ethernet-Port 1 x Ethernet 10/100 Mbit/s, RJ45

User interfaces LEDs for Ethernet activity, KNX activity and device status;
 Reset button;
 web interface for configuration

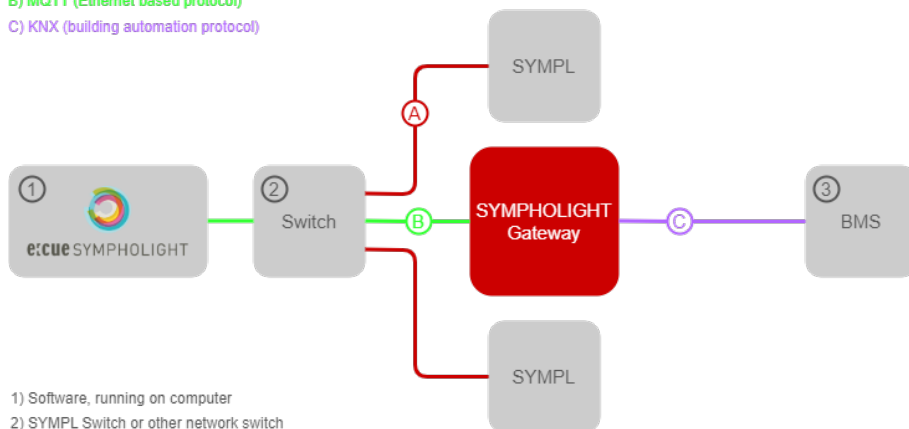
Dimensions

All measures in mm



System diagram

- A) e.net (Ethernet based protocol)
- B) MQTT (Ethernet based protocol)
- C) KNX (building automation protocol)



- 1) Software, running on computer
- 2) SYMPL Switch or other network switch
- 3) Building-Management-System

